

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2016 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

| <b>RD0010</b>                               | Overall LMA Rating     | Total LMA Miles  | * Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.   |             |             |         |                              |         |
|---|------------------------|------------------|---|-------------|-------------|---------|------------------------------|---------|
| <b>Reclamation District No. 0010 Honcut</b> | <b>M *</b>             | <b>21.82</b>     |   |             |             |         |                              |         |
| Rated Item                                  | Maintenance Deficiency |                  |   |             | Enforcement |         | Design & System Obsolescence |         |
|   | M Miles                | U Miles          | M + 4U Miles  | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                        |                        |                  |   |             |             |         |                              |         |
| Vegetation                                  | 0.57                   |                  | 0.57  | 2.61%       | 0.02        |         |                              |         |
| Trim / Thin Trees                           | 0.48                   |                  | 0.48  | 2.20%       |             |         |                              |         |
| Encroachments                               |                        |                  |   |             | 4.97        |         |                              |         |
| Animal Control                              | 0.46                   | 0.03             | 0.58  | 2.66%       |             |         |                              |         |
| Slope Stability                             |                        |                  |   |             |             |         | 0.01                         |         |
| <i>Supplemental</i>                         |                        |                  |   |             |             |         |                              |         |
| DWR UCIP Field Study                        |                        |                  |   |             | 0.42        | 0.02    |                              |         |
| <i>LMA Totals:</i>                          | 1.51                   | 0.03             | 1.63  | 7.47% *     | 5.41        | 0.02    | 0.01                         | 0.00    |
| <b>Unit No. 01 Simmerly Slough RB</b>       | Overall Unit Rating    | Total Unit Miles |   |             |             |         |                              |         |
| <b>RD0010</b>                               | <b>M</b>               | <b>7.65</b>      |   |             |             |         |                              |         |
| Rated Item                                  | Maintenance Deficiency |                  |   |             | Enforcement |         | Design & System Obsolescence |         |
|   | M Miles                | U Miles          | M + 4U Miles  | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                        |                        |                  |   |             |             |         |                              |         |
| Vegetation                                  | 0.19                   |                  | 0.19  | 2.48%       |             |         |                              |         |
| Trim / Thin Trees                           | 0.26                   |                  | 0.26  | 3.40%       |             |         |                              |         |
| Encroachments                               |                        |                  |   |             | 0.66        |         |                              |         |
| Animal Control                              | 0.38                   | 0.01             | 0.42  | 5.49%       |             |         |                              |         |
| Slope Stability                             |                        |                  |   |             |             |         | 0.01                         |         |
| <i>Supplemental</i>                         |                        |                  |   |             |             |         |                              |         |
| DWR UCIP Field Study                        |                        |                  |   |             | 0.19        | 0.02    |                              |         |
| <i>Unit Totals:</i>                         | 0.83                   | 0.01             | 0.87  | 11.37%      | 0.85        | 0.02    | 0.01                         | 0.00    |
| <b>Unit No. 02 Feather River LB</b>         | Overall Unit Rating    | Total Unit Miles | * Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A. |             |             |         |                              |         |
| <b>RD0010</b>                               | <b>M *</b>             | <b>11.36</b>     |   |             |             |         |                              |         |
| Rated Item                                  | Maintenance Deficiency |                  |   |             | Enforcement |         | Design & System Obsolescence |         |
|   | M Miles                | U Miles          | M + 4U Miles  | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                        |                        |                  |   |             |             |         |                              |         |
| Vegetation                                  | 0.38                   |                  | 0.38  | 3.35%       | 0.02        |         |                              |         |
| Trim / Thin Trees                           | 0.22                   |                  | 0.22  | 1.94%       |             |         |                              |         |
| Encroachments                               |                        |                  |   |             | 4.17        |         |                              |         |
| Animal Control                              | 0.07                   | 0.02             | 0.15  | 1.32%       |             |         |                              |         |
| <i>Supplemental</i>                         |                        |                  |   |             |             |         |                              |         |
| DWR UCIP Field Study                        |                        |                  |   |             | 0.20        |         |                              |         |
| <i>Unit Totals:</i>                         | 0.67                   | 0.02             | 0.75  | 6.60% *     | 4.39        | 0.00    | 0.00                         | 0.00    |

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2016 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin (cont.)**

| Unit No. 03 Honcut Creek LB | Overall Unit Rating    | Total Unit Miles |              |             |             |         |                              |         |
|-----------------------------|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| RD0010                      | <b>A</b>               | <b>2.81</b>      |              |             |             |         |                              |         |
| Rated Item                  | Maintenance Deficiency |                  |              |             | Enforcement |         | Design & System Obsolescence |         |
|                             | M Miles                | U Miles          | M + 4U Miles | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>        |                        |                  |              |             |             |         |                              |         |
| Encroachments               |                        |                  |              |             | 0.14        |         |                              |         |
| Animal Control              | 0.01                   |                  | 0.01         | 0.36%       |             |         |                              |         |
| <i>Supplemental</i>         |                        |                  |              |             |             |         |                              |         |
| DWR UCIP Field Study        |                        |                  |              |             | 0.03        |         |                              |         |
| <i>Unit Totals:</i>         | 0.01                   | 0.00             | 0.01         | 0.36%       | 0.17        | 0.00    | 0.00                         | 0.00    |

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2016 Levee Inspection Results**

**Reclamation District No. 0010 Honcut**

|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) |                         |                              | M *                            |                                    |

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

\* Overall LMA Threshold Percent is less than  
10.00%; however, U Rated Miles are present,  
so the Overall LMA Rating is M instead of A.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2016 Levee Inspection Results**

**Reclamation District No. 0010 Honcut**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Simmerly Slough            |                         |                           | Right                          | 7.65                            |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           | <b>M</b>                       |                                 |
| Date of Inspection                     | 4/20/2016 - 4/20/2016   |                           | 10/27/2016 - 10/27/2016        |                                 |
| DWR Inspector                          | Sterling York           |                           | Sterling York                  |                                 |
| Accompanied By                         | Finlay Williams         |                           | Finlay Williams                |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                                  |              |                        |            |     |
|---|----------------------------------|--------------|------------------------|------------|-----|
| LM Start  |                                  | Rating **    | A                      | Issue No.  | 7   |
| LM End  |                                  | Issue Type + | Ma                     | Location * | N/A |
| Category  | Earthen Levee                    |              | GPS Latitude/Longitude |            |     |
|   |                                  |              | Start                  |            | End |
| Item  | Operations & Maintenance Manuals |              |                        | °          |     |
|   |                                  |              |                        | °          |     |
| DWR ID  | DWR_RD0010_01_s_2013_7           |              |                        |            |     |
| Comment Code                                      |                                  |              |                        |            |     |
|   |                                  |              |                        |            |     |
| Inspector Comment                                 |                                  |              |                        |            |     |
| The O&M manual is located at Tom Schultz's house. |                                  |              |                        |            |     |

No Photos

|  |                                |              |                        |            |     |
|--|--------------------------------|--------------|------------------------|------------|-----|
| LM Start   |                                | Rating **    | A                      | Issue No.  | 8   |
| LM End   |                                | Issue Type + | Ma                     | Location * | N/A |
| Category   | Earthen Levee                  |              | GPS Latitude/Longitude |            |     |
|  |                                |              | Start                  |            | End |
| Item   | Emergency Supplies & Equipment |              |                        | °          |     |
|  |                                |              |                        | °          |     |
| DWR ID   | DWR_RD0010_01_s_2013_8         |              |                        |            |     |
| Comment Code   |                                |              |                        |            |     |
|  |                                |              |                        |            |     |
| Inspector Comment  |                                |              |                        |            |     |
| Finlay Williams stated that they are part of the CO-OP with RD 784 which shares flood fight supplies at multiple locations. Also he has a small amount of supplies located at his house within the district. |                                |              |                        |            |     |

No Photos

|   |                               |              |                        |            |     |
|---|-------------------------------|--------------|------------------------|------------|-----|
| LM Start  |                               | Rating **    | A                      | Issue No.  | 9   |
| LM End  |                               | Issue Type + | Ma                     | Location * | N/A |
| Category  | Earthen Levee                 |              | GPS Latitude/Longitude |            |     |
|   |                               |              | Start                  |            | End |
| Item  | Flood Preparedness & Training |              |                        | °          |     |
|   |                               |              |                        | °          |     |
| DWR ID  | DWR_RD0010_01_s_2013_9        |              |                        |            |     |
| Comment Code  |                               |              |                        |            |     |
|   |                               |              |                        |            |     |
| Inspector Comment   |                               |              |                        |            |     |
| The district has attended the class in the past and plans to attend the Flood Fight class put on by RD 784 and DWR. |                               |              |                        |            |     |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.00                 | Rating **    | M  | Issue No.              | 77            |
| LM End  | 0.00                 | Issue Type + | En | Location *             | N/A           |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.169234 °            | 39.169234 °   |
|   |                      |              |    | -121.586203 °          | -121.586203 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27791   |                      |              |    |                        |               |
| DS_ID:21268   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Found  |                      |              |    |                        |               |
| UCIP Comments: Vegetation has been cleared from slope. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0158.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 30.0 feet below the crown. Flap gate on the waterward end. Slide gate on the landward end. Concrete saddle and apron on waterward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 1+00). |                      |              |    |                        |               |
| FS Date: 4/29/2013  |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27791\_51501.jpg



View of levee crown looking downstream.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.00</b> | Rating **    | M  | Issue No.  | <b>77 (cont)</b> |
| LM End   | <b>0.00</b> | Issue Type + | En | Location * | N/A              |

Photo 2 of 2 : UCIP\_FA\_2016\_27791\_51500.jpg



Pipe marker visible on ground--sign has been bent.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

# Reclamation District No. 0010 Honcut

View of well maintained annual vegetation on the waterside looking upstream. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23                 | Rating **    | M  | Issue No.              | 74            |
| LM End   | 0.23                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.163407 °            | 39.163407 °   |
|          |                      |              |    | -121.605645 °          | -121.605645 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:27712  
DS\_ID:24653  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found) also need to determine if crossing goes through levee.  
FIELD\_STRUCT\_DESC: Fiber optic line markers on levee slope unable to determine if line goes through levee.  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.23</b> | Rating **    | M  | Issue No.  | <b>74 (cont)</b> |
| LM End   | <b>0.23</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27712\_51365.jpg



Contact information for buried fiber optic cable.

Photo 2 of 2 : UCIP\_FA\_2016\_27712\_51364.jpg



Marker visible on landward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.41                 | Rating **    | M  | Issue No.              | 70            |
| LM End  | 0.41                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.162847 °            | 39.162847 °   |
|   |                      |              |    | -121.602440 °          | -121.602440 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:24806<br>DS_ID:21257<br>EP_NO: 13015<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: New gravel indicates work was recently completed.<br>Will need to contact owner to obtain information pertaining to work completed. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0075.<br>FIELD_STRUCT_DESC: 4-inch pipe sleeved through an 8-inch pipe through the levee, 30.0 feet below the crown. Annular spaced grouted. Cutoff walls on both ends within the levee. (Permit No. 13015-1981)<br>FS Date: 4/29/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.41</b> | Rating **    | M  | Issue No.  | <b>70 (cont)</b> |
| LM End   | <b>0.41</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24806\_44540.jpg



View of levee crown looking upstream.

Photo 2 of 2 : UCIP\_FA\_2016\_24806\_44541.jpg



View of levee crown looking downstream.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.41                 | Rating **    | M  | Issue No.              | 75            |
| LM End   | 0.41                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.162853 °            | 39.162853 °   |
|          |                      |              |    | -121.602435 °          | -121.602435 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:27713  
DS\_ID:24654  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found) also need to determine if crossing goes through levee.  
FIELD\_STRUCT\_DESC: Fiber optic line markers on levee slope unable to determine if line goes through levee.  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.41</b> | Rating **    | M  | Issue No.  | <b>75 (cont)</b> |
| LM End   | <b>0.41</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27713\_51366.jpg



View of landward side--communication line marker.

Photo 2 of 2 : UCIP\_FA\_2016\_27713\_51367.jpg



Contact information for communication line.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |              |
|---|----------------------|--------------|----|------------------------|--------------|
| LM Start  | 0.53                 | Rating **    | M  | Issue No.              | 73           |
| LM End  | 0.53                 | Issue Type + | En | Location *             | WS           |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |              |
|   |                      |              |    | Start                  | End          |
| Item  | DWR UCIP Field Study |              |    | 39.162277°             | 39.162277°   |
|   |                      |              |    | -121.600219°           | -121.600219° |
| DWR ID  |                      |              |    |                        |              |
| Comment Code  |                      |              |    |                        |              |
|   |                      |              |    |                        |              |
| Inspector Comment   |                      |              |    |                        |              |
| FS_ID:27710<br>DS_ID:24655<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found) also need to determine if crossing goes through levee.<br>FIELD_STRUCT_DESC: Fiber optic line markers on levee slope unable to determine if line goes through levee.<br>FS Date: 4/29/2013 |                      |              |    |                        |              |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.53</b> | Rating **    | M  | Issue No.  | <b>73 (cont)</b> |
| LM End   | <b>0.53</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27710\_51361.jpg



Contact information for fiber optic cable and ID number.

Photo 2 of 2 : UCIP\_FA\_2016\_27710\_51360.jpg



View of marker located on landward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.72                    | Rating **    | M  | Issue No.              | 48            |
| LM End  | 0.72                    | Issue Type + | Ob | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Slope Stability         |              |    | 39.161198 °            | 39.161198 °   |
|   |                         |              |    | -121.597102 °          | -121.597102 ° |
| DWR ID  | DWR_RD0010_01_f_2013_48 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Ramp is caused by constant ATV use on levee slope. Fall 2016.                             |                         |              |    |                        |               |

Photo 1 of 2 : FA\_2016\_RD0010\_163\_48\_20160906\_00015.jpg



This photo was taken from the crown looking down the landward slope at an ATV access road that has been formed over time to provide access to the waterward side. Fall 2013.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.72</b> | Rating **    | M  | Issue No.  | <b>48 (cont)</b> |
| LM End   | <b>0.72</b> | Issue Type + | Ob | Location * | LS               |

Photo 2 of 2 : FA\_2016\_RD0010\_163\_48\_20160906\_00016.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.72                 | Rating **    | M  | Issue No.              | 76            |
| LM End   | 0.72                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.161229 °            | 39.161229 °   |
|          |                      |              |    | -121.597072 °          | -121.597072 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:27715  
DS\_ID:24656  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found) also need to determine if crossing goes through levee.  
FIELD\_STRUCT\_DESC: Fiber optic line markers on levee slope unable to determine if line goes through levee.  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.72</b> | Rating **    | M  | Issue No.  | <b>76 (cont)</b> |
| LM End   | <b>0.72</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27715\_51371.jpg



View of marker located on waterward side.

Photo 2 of 2 : UCIP\_FA\_2016\_27715\_51370.jpg



Contact information and ID number for buried fiber optic cable.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector        |
|-----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling<br>York |

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.73                      | Rating **    | A  | Issue No.              | 68            |
| LM End   | 0.73                      | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Trim / Thin Trees         |              |    | 39.161343 °            | 39.161343 °   |
|  |                           |              |    | -121.596942 °          | -121.596942 ° |
| DWR ID   | DWR_RD0010_01_s _ 2016_68 |              |    |                        |               |
| Comment Code   |                           |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                           |              |    |                        |               |
| Inspector Comment  |                           |              |    |                        |               |
| Tree limbs have been trimmed to allow visibility and access. Fall 2016.    |                           |              |    |                        |               |

No Photos

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.74                 | Rating **    | M  | Issue No.              | 86            |
| LM End   | 0.74                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.161497 °            | 39.161497 °   |
|          |                      |              |    | -121.596816 °          | -121.596816 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:50058  
DS\_ID:21258  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 7/01/2016 Gate has been repaired--WS gate is functional. LS gate still needs new stem for the gate to properly function--stem is bent. USACE's PI issue references permit number 13710 this is incorrect permit is associated with DS\_ID 21259 (CLM 0.767). (DWR UCIP - omagana)4/29/2013 Damaged flap gate on waterward side and damaged stem on screw gate on landward side. Need to contact owner to determine if crossing is still active. If crossing is still in use owner will need to address damage on flap gate and screw gate. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0053 and 0057. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 31 feet below the crown. Two corrugated metal cutoff walls around pipe and concrete headwall at both ends. Flap gate is located on the waterside (WS) end. Slide gate is located on the landside (LS) end. Pipe discharges into 6-foot concrete splash apron located on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 151, May 1953, Station 46+60].  
FS Date: 7/1/2016

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.74</b> | Rating **    | M  | Issue No.  | <b>86 (cont)</b> |
| LM End   | <b>0.74</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_50058\_51415.jpg



View of WS--Marker indicates crossing is labelled as 2.

Photo 2 of 2 : UCIP\_FA\_2016\_50058\_51410.jpg



View of levee crown looking downstream.

| * Location                                      | ** Rating  | + Issue Type   |
|---|--|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain  |
| N/A : Not Applicable                            |  | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.89                 | Rating **    | M  | Issue No.              | 84            |
| LM End  | 0.89                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.163341 °            | 39.163341 °   |
|   |                      |              |    | -121.595340 °          | -121.595340 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:40545<br>DS_ID:21260<br>EP_NO: 4555<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Pipe is approximately 4-6 inches in diameter located near the toe of levee. Crossing is approximately 50 feet downstream of 24-inch pipe. Need to contact owner to determine status of this crossing and to verify the purpose of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23.<br>FIELD_STRUCT_DESC: Abandoned 6-inch steel drainpipe through the levee, 1.0 feet below the crown. Siphon breaker on the waterward shoulder. Pump located at landward toe. Revetment around discharge end of pipe, draining into ditch at waterward toe. Pipe is not buried on berms, gravel pad over pipe across levee crown for vehicular access. Pipe retained through levee under Permit No. 4555 (1964).<br>FS Date: 4/29/2013 |                      |              |    |                        |               |

Photo 1 of 1 : UCIP\_FA\_2016\_40545\_51418.jpg



Pipe through levee near waterward toe.

\* **Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* **Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ **Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.33                 | Rating **    | M  | Issue No.              | 78            |
| LM End   | 1.33                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.168583 °            | 39.168583 °   |
|          |                      |              |    | -121.590929 °          | -121.590929 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:27725  
DS\_ID:21262  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Crossing appears not to be in use--need to contact owner. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0012.  
FIELD\_STRUCT\_DESC: 10-inch steel pipe through the levee, 7.3 feet below the crown. Siphon breaker in CM riser on the waterward slope. Pump on the waterward berm-pump not present. Switch house on the waterward slope-no switch house present. 24-inch concrete standpipe at the landward toe. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 14+82). Concrete pad is still present on waterward side.  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.33</b> | Rating **    | M  | Issue No.  | <b>78 (cont)</b> |
| LM End   | <b>1.33</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27725\_51386.jpg



View of levee crown looking upstream.

Photo 2 of 2 : UCIP\_FA\_2016\_27725\_51387.jpg



View of levee crown looking downstream.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.34                 | Rating **    | M  | Issue No.              | 71            |
| LM End   | 1.34                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.168671 °            | 39.168671 °   |
|          |                      |              |    | -121.590731 °          | -121.590731 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:24810  
DS\_ID:21263  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Pipe has been capped on waterward side--see photos. Need to coordinate with DWR Inspector to determine whether crossing is compliant with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0016.  
FIELD\_STRUCT\_DESC: 10-inch steel pipe through the levee, 6.8 feet below the crown. Steel cutoff plate around pipe at center of levee. Siphon breaker in CM riser on the waterward slope. Pump on concrete base on the waterward berm-not present. 36-inch concrete standpipe at the landward toe. Metal shed and service pole on the waterward slope-not present. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 14+16).  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.34</b> | Rating **    | M  | Issue No.  | <b>71 (cont)</b> |
| LM End   | <b>1.34</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24810\_44576.jpg



View of levee crown lookin upstream.

Photo 2 of 2 : UCIP\_FA\_2016\_24810\_44577.jpg



View of levee crown looking downstream.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.36                   | Rating **    | A  | Issue No.              | 2             |
| LM End  | 1.36                   | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Trim / Thin Trees      |              |    | 39.168769 °            | 39.168769 °   |
|   |                        |              |    | -121.590409 °          | -121.590409 ° |
| DWR ID  | DWR_RD0010_01_s_2016_2 |              |    |                        |               |
| Comment Code  |                        |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.             |                        |              |    |                        |               |
| Inspector Comment   |                        |              |    |                        |               |
| Tree limbs have been trimmed up for visibility and access. Fall 2016. |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_2\_20161031\_00071.jpg



View of tree that has been trimmed up for visibility and access on the landside. Fall 2016.

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.39                 | Rating **    | M  | Issue No.              | 79            |
| LM End   | 1.39                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.168964 °            | 39.168964 °   |
|  |                      |              |    | -121.589799 °          | -121.589799 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:27726  |                      |              |    |                        |               |
| DS_ID:21265  |                      |              |    |                        |               |
| EP_NO: 12081   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Indicator Found   |                      |              |    |                        |               |
| UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found) also need to determine if crossing goes through levee. |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 3-inch telephone conduit through the levee, 3.0 feet below the crown. (Permit No. 12081-1977).  |                      |              |    |                        |               |
| FS Date: 4/29/2013   |                      |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.41                 | Rating **    | U  | Issue No.              | 87            |
| LM End   | 1.41                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.169080 °            | 39.169080 °   |
|          |                      |              |    | -121.589478 °          | -121.589478 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:49986  
DS\_ID:21318  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 7/01/2016 Pipe wall in poor condition--deteriorated pipe wall indicated by holes at the inlet and outlet pipe collar. Recommend internal integrity inspection of the pipe through the levee to determine extent of damage. (DWR UCIP - omagana)4/29/2013  
Holes present on pipe wall. Need to contact owner to notify of issue with pipe. Also need to contact DWR Inspector and CVFPB to determine how to address issue. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0140. Pipe should be 30-inch instead of 36-inch mentioned Periodic Inspection. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: 30-inch corrugated metal drainage pipe through the levee, approximately 30 feet below the crown. Two CM cutoff walls around the pipe on both sides. Saddle and splash apron are located on the waterside (WS) discharge point. Concrete headwall and sluice gate are located on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 151, May 1953, Station 10+38].  
FS Date: 7/1/2016

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.41</b> | Rating **    | U  | Issue No.  | <b>87 (cont)</b> |
| LM End   | <b>1.41</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_49986\_44588.jpg



View of WS--marker present on WS shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_49986\_44587.jpg



View of headwall, pipe, and flap gate located on WS.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector        |
|-----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling<br>York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.49                    | Rating **    | M  | Issue No.              | 67            |
| LM End  | 1.52                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 39.169221 °            | 39.169238 °   |
|   |                         |              |    | -121.588073 °          | -121.587550 ° |
| DWR ID  | DWR_RD0010_01_s_2016_67 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Small starter tree should be removed. Fall 2016.                                    |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_67\_20161031\_00072.jpg



View of a small tree that needs to be removed on the land side slope looking upstream. Fall 2016.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.64                    | Rating **    | M  | Issue No.              | 66            |
| LM End   | 1.64                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.169721 °            | 39.169721 °   |
|  |                         |              |    | -121.585759 °          | -121.585759 ° |
| DWR ID   | DWR_RD0010_01_s_2016_66 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.              |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Small trees should be trimmed up for visibility and access. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_66\_20161031\_00073.jpg



View of a small tree that needs to be trimmed for visibility and access on the land side slope looking upstream. Fall 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.75                    | Rating **    | M  | Issue No.              | 65            |
| LM End  | 1.75                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.171200 °            | 39.171200 °   |
|   |                         |              |    | -121.585576 °          | -121.585576 ° |
| DWR ID  | DWR_RD0010_01_s_2016_65 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_65\_20161031\_00074.jpg



View of squirrel holes on the landside, no rodent activity was observed. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.81                    | Rating **    | M  | Issue No.              | 64            |
| LM End  | 1.81                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.172094 °            | 39.172094 °   |
|   |                         |              |    | -121.585472 °          | -121.585472 ° |
| DWR ID  | DWR_RD0010_01_s_2016_64 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_64\_20161031\_00075.jpg



View of squirrel holes on the landside, no rodent activity was observed. Fall 2016.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.09                    | Rating **    | M  | Issue No.              | 63            |
| LM End  | 2.09                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.176153 °            | 39.176153 °   |
|   |                         |              |    | -121.584958 °          | -121.584958 ° |
| DWR ID  | DWR_RD0010_01_s_2016_63 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_63\_20161031\_00076.jpg



View of squirrel holes on the landside, no rodent activity was observed. Fall 2016.

|  |                      |              |    |                        |    |               |
|--|----------------------|--------------|----|------------------------|----|---------------|
| LM Start   | 2.14                 | Rating **    | M  | Issue No.              | 82 |               |
| LM End   | 2.14                 | Issue Type + | En | Location *             | LS |               |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |    |               |
|  |                      |              |    | Start                  |    | End           |
| Item   | DWR UCIP Field Study |              |    | 39.176936 °            |    | 39.176936 °   |
|  |                      |              |    | -121.584848 °          |    | -121.584848 ° |
| DWR ID   |                      |              |    |                        |    |               |
| Comment Code   |                      |              |    |                        |    |               |
|  |                      |              |    |                        |    |               |
| Inspector Comment  |                      |              |    |                        |    |               |
| FS_ID:27745<br>DS_ID:21271<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Unable to determine if crossing is still present on landward side--need to confirm. Need to contact owner to determine status of crossing. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0185.<br>FIELD_STRUCT_DESC: 24-inch pipe through the levee, 30.0 feet below the crown. Flap gate on waterward end. Concrete headwall at both toes.<br>FS Date: 4/29/2013 |                      |              |    |                        |    |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27745\_51429.jpg



View of waterward side--marker indicating crossing visible on waterward shoulder.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |           |               |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start   | 2.14                 | Rating **    | M  | Issue No.              | 82 (cont) |               |
| LM End   | 2.14                 | Issue Type + | En | Location *             | LS        |               |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |           |               |
|  |                      |              |    | Start                  |           | End           |
| Item   | DWR UCIP Field Study |              |    | 39.176936 °            |           | 39.176936 °   |
|  |                      |              |    | -121.584848 °          |           | -121.584848 ° |
| DWR ID   |                      |              |    |                        |           |               |
| Comment Code   |                      |              |    |                        |           |               |
|  |                      |              |    |                        |           |               |
| Inspector Comment  |                      |              |    |                        |           |               |
| FS_ID:27745<br>DS_ID:21271<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Unable to determine if crossing is still present on landward side--need to confirm. Need to contact owner to determine status of crossing. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0185.<br>FIELD_STRUCT_DESC: 24-inch pipe through the levee, 30.0 feet below the crown. Flap gate on waterward end. Concrete headwall at both toes.<br>FS Date: 4/29/2013 |                      |              |    |                        |           |               |

Photo 2 of 2 : UCIP\_FA\_2016\_27745\_51432.jpg



View of pipe, headwall, and flap gate located on waterward side.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.16                    | Rating **    | M  | Issue No.              | 61            |
| LM End  | 2.38                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.177129 °            | 39.180309 °   |
|   |                         |              |    | -121.584841 °          | -121.584451 ° |
| DWR ID  | DWR_RD0010_01_s_2016_61 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_61\_20161031\_00077.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.54                 | Rating **    | M  | Issue No.              | 85            |
| LM End  | 2.54                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.182654 °            | 39.182654 °   |
|   |                      |              |    | -121.584133 °          | -121.584133 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:42087<br>DS_ID:21316<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Not Found<br>UCIP Comments: vegetation too high; no indicators found.<br>FIELD_STRUCT_DESC: 36-inch concrete pipe through the levee, unknown depth below the levee. Concrete saddle and apron on waterward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 208+11).<br>FS Date: 4/29/2013 |                      |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.56                    | Rating **    | M  | Issue No.              | 60            |
| LM End  | 2.61                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.182940 °            | 39.183721 °   |
|   |                         |              |    | -121.584115 °          | -121.584019 ° |
| DWR ID  | DWR_RD0010_01_s_2016_60 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_60\_20161031\_00078.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



# Reclamation District No. 0010 Honcut

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.76                    | Rating **    | M  | Issue No.              | 57            |
| LM End  | 2.76                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.185845 °            | 39.185845 °   |
|   |                         |              |    | -121.583760 °          | -121.583760 ° |
| DWR ID  | DWR_RD0010_01_s_2016_57 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_57\_20161031\_00081.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.78                 | Rating **    | U  | Issue No.              | 88            |
| LM End   | 2.78                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.186134 °            | 39.186134 °   |
|  |                      |              |    | -121.583719 °          | -121.583719 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:49987<br>DS_ID:21272<br>EP_NO: 14020<br>Repair Type: Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: 7/01/2016 Dense vegetation--unable to determine if the sink hole/slope depression noted back in Jan 2013 in the USACE's PI Report is still present. Need to revisit the site once vegetation from the slopes has been cleared. (DWR UCIP - omagana)4/29/2013<br>Unable to determine status of crossing--sink hole was observed as part of the USACE Periodic Inspection Report dated May 2013. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Need to confirm with Finney to determine if pump and controls belong to pipe crossing located on landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0192. (DWR UCIP - omagana)<br>FIELD_STRUCT_DESC: 10-inch steel drainage pipe sleeved through a 16-inch steel pipe, 5 feet below the crown. Annular gap between 10-inch and 16-inch pipes has been grouted. Concrete cutoff wall around pipe is located at the center of levee. Siphon breaker is located on the waterside (WS) shoulder. Flap gate and concrete headwall are located on the WS toe. Pump is located on the landside (LS). This drainage pipe is used to divert water from the drainage ponds, that serves the residential development located on the LS, to the Jack Slough. (Permit No. 14020, 1986 - California North Lands, Inc.) [Additional Reference(s): DWR Levee Log, 2005].<br>FS Date: 7/1/2016 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_49987\_44608.jpg



View of WS--concrete box located located at WS toe.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |              |  |
|--|----------------------|--------------|----|------------------------|--------------|--|
| LM Start   | 2.78                 | Rating **    | U  | Issue No.              | 88 (cont)    |  |
| LM End   | 2.78                 | Issue Type + | En | Location *             | LS           |  |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |              |  |
|  |                      |              |    | Start                  | End          |  |
| Item   | DWR UCIP Field Study |              |    | 39.186134°             | 39.186134°   |  |
|  |                      |              |    | -121.583719°           | -121.583719° |  |
| DWR ID   |                      |              |    |                        |              |  |
| Comment Code   |                      |              |    |                        |              |  |
|  |                      |              |    |                        |              |  |
| Inspector Comment  |                      |              |    |                        |              |  |
| FS_ID:49987<br>DS_ID:21272<br>EP_NO: 14020<br>Repair Type: Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: 7/01/2016 Dense vegetation--unable to determine if the sink hole/slope depression noted back in Jan 2013 in the USACE's PI Report is still present. Need to revisit the site once vegetation from the slopes has been cleared. (DWR UCIP - omagana)4/29/2013<br>Unable to determine status of crossing--sink hole was observed as part of the USACE Periodic Inspection Report dated May 2013. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Need to confirm with Finney to determine if pump and controls belong to pipe crossing located on landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0192. (DWR UCIP - omagana)<br>FIELD_STRUCT_DESC: 10-inch steel drainage pipe sleeved through a 16-inch steel pipe, 5 feet below the crown. Annular gap between 10-inch and 16-inch pipes has been grouted. Concrete cutoff wall around pipe is located at the center of levee. Siphon breaker is located on the waterside (WS) shoulder. Flap gate and concrete headwall are located on the WS toe. Pump is located on the landside (LS). This drainage pipe is used to divert water from the drainage ponds, that serves the residential development located on the LS, to the Jack Slough. (Permit No. 14020, 1986 - California North Lands, Inc.) [Additional Reference(s): DWR Levee Log, 2005].<br>FS Date: 7/1/2016 |                      |              |    |                        |              |  |

Photo 2 of 2 : UCIP\_FA\_2016\_49987\_44605.jpg



View of riser with damage lid located on WS shoulder.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



# Reclamation District No. 0010 Honcut

View of small willow trees on the landside toe looking upstream. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.35                 | Rating **    | M  | Issue No.              | 69            |
| LM End   | 3.35                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.194283 °            | 39.194283 °   |
|          |                      |              |    | -121.582703 °          | -121.582703 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:24816  
DS\_ID:21317  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Indicator marker visible on WS; Dense vegetation on waterward toe and landward side access limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Access to landward side will need to be coordinated with railroad. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0204.  
FIELD\_STRUCT\_DESC: 24-inch CM drainpipe through the levee, 23.0 feet below the crown. Flap gate on waterward end. Concrete headwall at both toes. Siphon breaker on waterward shoulder-unable to find. Concrete saddle and apron on waterward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 299+56).  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>3.35</b> | Rating **    | M  | Issue No.  | <b>69 (cont)</b> |
| LM End   | <b>3.35</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24816\_44611.jpg



View of marker visible on waterward shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_24816\_44610.jpg



View of waterward slope.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.57                                  | Rating **    | C  | Issue No.              | 28            |
| LM End  | 7.64                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 39.197526 °            | 39.255993 °   |
|   |                                       |              |    | -121.582294 °          | -121.574930 ° |
| DWR ID  | DWR_RD0010_01_f_2015_28               |              |    |                        |               |
| Comment Code  |                                       |              |    |                        |               |
| C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. |                                       |              |    |                        |               |
| Inspector Comment   |                                       |              |    |                        |               |
| Roadway crown has been re-rocked and grade for all weather surface. Fall 2016.                      |                                       |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.69                    | Rating **    | M  | Issue No.              | 52            |
| LM End  | 3.69                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.199095 °            | 39.199095 °   |
|   |                         |              |    | -121.582118 °          | -121.582118 ° |
| DWR ID  | DWR_RD0010_01_s_2016_52 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_52\_20161031\_00085.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.75                    | Rating **    | U  | Issue No.              | 51            |
| LM End  | 3.75                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.200003 °            | 39.200003 °   |
|   |                         |              |    | -121.582002 °          | -121.582002 ° |
| DWR ID  | DWR_RD0010_01_s_2016_51 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.           |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| There is a large rodent hole the exceeds 2 cubic feet of dirt and needs to be properly backfilled. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_51\_20160906\_00017.jpg



View of large burrow on landside.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable  |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|  |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |   |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.87                    | Rating **    | M  | Issue No.              | 50            |
| LM End  | 3.87                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.201825 °            | 39.201825 °   |
|   |                         |              |    | -121.581779 °          | -121.581779 ° |
| DWR ID  | DWR_RD0010_01_s_2016_50 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_50\_20161031\_00086.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.93                    | Rating **    | M  | Issue No.              | 47            |
| LM End   | 3.93                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.202569 °            | 39.202569 °   |
|  |                         |              |    | -121.581681 °          | -121.581681 ° |
| DWR ID   | DWR_RD0010_01_s_2016_47 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Remove small willow tree from levee slope. Fall 2016.                      |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_47\_20161031\_00087.jpg



View of a small willow tree that should be removed on the landside looking down stream. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.93                    | Rating **    | M  | Issue No.              | 49            |
| LM End   | 3.93                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.202570 °            | 39.202570 °   |
|  |                         |              |    | -121.581681 °          | -121.581681 ° |
| DWR ID   | DWR_RD0010_01_s_2016_49 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Remove small willow trees from levee slope. Fall 2016.                     |                         |              |    |                        |               |
|  |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_49\_20161031\_00088.jpg



View of small starter willow trees on the landside looking upstream. Fall 2016.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.11                 | Rating **    | M  | Issue No.              | 83            |
| LM End  | 4.11                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.205209 °            | 39.205209 °   |
|   |                      |              |    | -121.581340 °          | -121.581340 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27747<br>DS_ID:21274<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: sign marker on WS 30; Unable to confirm landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0232.<br>FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 18.0 feet below the crown. CM cutoff wall around pipe at center of levee. Flap gate and splash apron (6x6 foot) on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 339+55.10).<br>FS Date: 4/29/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27747\_51441.jpg



View of waterward side--marker indicating crossing located on waterward shoulder.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |           |               |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start  | 4.11                 | Rating **    | M  | Issue No.              | 83 (cont) |               |
| LM End  | 4.11                 | Issue Type + | En | Location *             | WS        |               |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |           |               |
|   |                      |              |    | Start                  |           | End           |
| Item  | DWR UCIP Field Study |              |    | 39.205209 °            |           | 39.205209 °   |
|   |                      |              |    | -121.581340 °          |           | -121.581340 ° |
| DWR ID  |                      |              |    |                        |           |               |
| Comment Code  |                      |              |    |                        |           |               |
|   |                      |              |    |                        |           |               |
| Inspector Comment   |                      |              |    |                        |           |               |
| FS_ID:27747<br>DS_ID:21274<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: sign marker on WS 30; Unable to confirm landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0232.<br>FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 18.0 feet below the crown. CM cutoff wall around pipe at center of levee. Flap gate and splash apron (6x6 foot) on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 339+55.10).<br>FS Date: 4/29/2013 |                      |              |    |                        |           |               |

Photo 2 of 2 : UCIP\_FA\_2016\_27747\_51445.jpg



View of pipe, flap gate, and headwall located on waterward toe.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.50                    | Rating **    | M  | Issue No.              | 46            |
| LM End  | 4.50                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.210790 °            | 39.210790 °   |
|   |                         |              |    | -121.580654 °          | -121.580654 ° |
| DWR ID  | DWR_RD0010_01_s_2016_46 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Squirrel hole still are visible but no sign of activity, Fall 2016.                                 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_46\_20161031\_00089.jpg



View of squirrel holes on the landside slope and toe, no rodent activity was observed. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.84                    | Rating **    | M  | Issue No.              | 45            |
| LM End   | 4.84                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.215748 °            | 39.215748 °   |
|  |                         |              |    | -121.580032 °          | -121.580032 ° |
| DWR ID   | DWR_RD0010_01_s_2016_45 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Wild Rosebush on landside slope needs to be removed.                         |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_45\_20161031\_00090.jpg



View of wild rosebush on the landside levee slope looking upstream. Fall 2016.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.90                 | Rating **    | M  | Issue No.              | 89            |
| LM End   | 4.90                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.216591 °            | 39.216591 °   |
|          |                      |              |    | -121.579919 °          | -121.579919 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:49988  
DS\_ID:21275  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 7/01/2016 WS slope appears to be stable; UCIP issue has been downgraded from Urgent to Non-Urgent due to what appears to be a stable slope--no other issues were observed during the site visit. The reason for the Non-Urgent classification is due to the limited documentation available to support extent of repair--need to obtain repair records to determine extent of repair and to determine if pipe was replaced through the levee. (DWR UCIP - omagana)4/29/2013 limited access; steep slopes, and dense vegetation; New riprap has been placed along pipe alignment need to contact owner to determine work authorization. Also need to find out if the design for riprap was due to slope failure at this location. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0246. (DWR UCIP - omagana) FIELD\_STRUCT\_DESC: 36-inch corrugated metal drainage pipe through the levee, 20 feet below the crown. Two CM cutoff walls around pipe are located on both shoulders. Flap gate is located on the waterside (WS) end. Concrete headwall is located on the WS toe. Grouted cobble headwall is located on the landside (LS) toe. Concrete saddle and apron are located on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 151, May 1953, Station 381+76.24].  
FS Date: 7/1/2016

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>4.90</b> | Rating **    | M  | Issue No.  | <b>89 (cont)</b> |
| LM End   | <b>4.90</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_49988\_44811.jpg



Marker for pipe crossing visible on WS shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_49988\_44809.jpg



View of WS during April.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

## Reclamation District No. 0010 Honcut

No Photos

No Photos

Photo 1 of 1 : FA\_2016\_RD0010\_163\_42\_20161031\_00091.jpg



View of squirrel hole on landside toe, no sign of activity. Fall 2016.

| * Location                             | ** Rating   | + Issue Type                      |
|--|---|-----------------------------------|
| LS : Land Side    N/A : Not Applicable | A : Acceptable                      N : Not Inspected/Rated               | Ma : Maintenance Deficiency       |
| WS : Water Side                        | M : Minimally Acceptable        C : Corrected                             | Ob : Design & System Obsolescence |
| CR : Crown                             | U : Unacceptable                  A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |

# Reclamation District No. 0010 Honcut

View of willow trees on the landside slope looking upstream. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.14                 | Rating **    | M  | Issue No.              | 80            |
| LM End   | 6.14                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.234389 °            | 39.234389 °   |
|          |                      |              |    | -121.577620 °          | -121.577620 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:27531  
DS\_ID:21277  
EP\_NO: 6127  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.  
FIELD\_STRUCT\_DESC: Two 1-inch aluminum conduits through the levee, 3.0 feet below the crown. Cutoff wall around conduits at center of levee. (Permit No. 6217-1968)  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>6.14</b> | Rating **    | M  | Issue No.  | <b>80 (cont)</b> |
| LM End   | <b>6.14</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27531\_51124.jpg



Enter photo 1 description or comment here.

Photo 2 of 2 : UCIP\_FA\_2016\_27531\_51123.jpg



Enter photo 2 description or comment here.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 6.18                    | Rating **    | M  | Issue No.              | 36            |
| LM End   | 6.34                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.235067 °            | 39.237286 °   |
|  |                         |              |    | -121.577541 °          | -121.577218 ° |
| DWR ID   | DWR_RD0010_01_s_2016_36 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes.     |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Large cluster of willows and wild rosebushes on landside slope & toe. Fall 2016. |                         |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>6.18</b> | Rating **    | M  | Issue No.  | <b>36 (cont)</b> |
| LM End   | <b>6.34</b> | Issue Type + | Ma | Location * | LS               |

Photo 1 of 2 : FA\_2016\_RD0010\_163\_36\_20160906\_00013.jpg



View looking downstream landside of wild rosebushes that are blocking visibility at the toe. Spring 2016.

Photo 2 of 2 : FA\_2016\_RD0010\_163\_36\_20161031\_00093.jpg



View looking upstream landside of willows and wild rosebushes that are blocking visibility at the toe. Fall 2016.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.31                 | Rating **    | M  | Issue No.              | 72            |
| LM End   | 6.31                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.236827 °            | 39.236827 °   |
|          |                      |              |    | -121.577262 °          | -121.577262 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:24438  
DS\_ID:21278  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON1\_2013\_p\_0290.  
FIELD\_STRUCT\_DESC: 30-inch CM pipe through the levee, 12.5 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 455+00).  
FS Date: 4/29/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>6.31</b> | Rating **    | M  | Issue No.  | <b>72 (cont)</b> |
| LM End   | <b>6.31</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24438\_43503.jpg



Marker visible on waterward shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_24438\_43502.jpg



View of waterward toe where pipe daylighting.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.48                    | Rating **    | M  | Issue No.              | 33            |
| LM End  | 7.13                    | Issue Type + | En | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.239303 °            | 39.248725 °   |
|   |                         |              |    | -121.576970 °          | -121.575824 ° |
| DWR ID  | DWR_RD0010_01_s_2016_33 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| FE : Fence  |                         |              |    |                        |               |
| Inspector Comment                                       |                         |              |    |                        |               |
| Fence t-post at levee toe should be removed. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_163\_33\_20161031\_00094.jpg



View of fence post that run along the landside levee toe, looking upstream. Fall 2016.

|  |                      |              |    |                        |               |  |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start   | 6.65                 | Rating **    | M  | Issue No.              | 81            |  |
| LM End   | 6.65                 | Issue Type + | En | Location *             | LS            |  |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |  |
|  |                      |              |    | Start                  | End           |  |
| Item   | DWR UCIP Field Study |              |    | 39.241726 °            | 39.241726 °   |  |
|  |                      |              |    | -121.576488 °          | -121.576488 ° |  |
| DWR ID   |                      |              |    |                        |               |  |
| Comment Code   |                      |              |    |                        |               |  |
|  |                      |              |    |                        |               |  |
| Inspector Comment  |                      |              |    |                        |               |  |
| FS_ID:27532  |                      |              |    |                        |               |  |
| DS_ID:21279  |                      |              |    |                        |               |  |
| EP_NO: N/A   |                      |              |    |                        |               |  |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |  |
| Crossing Status: Found   |                      |              |    |                        |               |  |
| UCIP Comments: Need to clear sediment near gate. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON1_2013_p_0291-294.                     |                      |              |    |                        |               |  |
| FIELD_STRUCT_DESC: 16-inch-steel pipe through the levee, 10.3 feet below the crown. Cutoff wall around pipe at center of levee. Slide gate on the waterward end. Pipe exposed across irrigation canal on landward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 473+58). |                      |              |    |                        |               |  |
| FS Date: 4/29/2013   |                      |              |    |                        |               |  |

Photo 1 of 2 : UCIP\_FA\_2016\_27532\_51129.jpg



View of levee looking upstream.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



## Reclamation District No. 0010 Honcut

View of levee looking downstream.

The trench is dug by the farmer for a pipe. Fall 2015.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 6.82                    | Rating **    | M  | Issue No.              | 27 (cont)     |
| LM End   | 6.82                    | Issue Type + | En | Location *             | CR            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.244203 °            | 39.244203 °   |
|  |                         |              |    | -121.576246 °          | -121.576246 ° |
| DWR ID   | DWR_RD0010_01_f_2015_27 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| PI : Pipe  |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Spring 2016; the pipe bored through levee caused depression in crown 11' wide by 6" deep. Land owner is Charley Mathews. There is no longer a depression after the new aggregate base was placed in the Fall 2016. A notice of violation has been sent to the land owner by the Board in the fall of 2016. |                         |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>6.82</b> | Rating **    | M  | Issue No.  | <b>27 (cont)</b> |
| LM End   | <b>6.82</b> | Issue Type + | En | Location * | CR               |

Photo 2 of 4 : FA\_2016\_RD0010\_163\_27\_20160906\_00003.jpg



View of the trench on the waterward side of the levee looking upstream. Works seem to have been done on the levee slope as well. Fall 2015.

Photo 3 of 4 : FA\_2016\_RD0010\_163\_27\_20160906\_00006.jpg



View of depression in crown, caused by an unpermitted pipe crossing. A FIR was created for this issue. Spring 2016.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

# Reclamation District No. 0010 Honcut

View of thick wild rose bush that obstructs visibility of the landside slope and toe. Spring 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection Start/End     | Inspector     |
|-----------------------------|-------|------------|--------------------------|---------------|
| Unit No. 01 Simmerly Slough | Right | 7.65       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 7.27                    | Rating **    | M  | Issue No.              | 32            |
| LM End   | 7.27                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.250651 °            | 39.250651 °   |
|  |                         |              |    | -121.575579 °          | -121.575579 ° |
| DWR ID   | DWR_RD0010_01_s_2016_32 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.                            |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Small trees 4" in diameter at chest height should be removed before they get to big. |                         |              |    |                        |               |

Photo 1 of 2 : FA\_2016\_RD0010\_163\_32\_20160906\_00011.jpg



View of a tree that needs to be removed. Small trees 4" in diameter at chest height should be removed before they get to big. View of landside. Spring 2016.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>7.27</b> | Rating **    | M  | Issue No.  | <b>32 (cont)</b> |
| LM End   | <b>7.27</b> | Issue Type + | Ma | Location * | LS               |

Photo 2 of 2 : FA\_2016\_RD0010\_163\_32\_20161031\_00096.jpg



View of a tree that needs to be removed on the landside, looking downstream. Fall 2016.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2016 Levee Inspection Results**

**Reclamation District No. 0010 Honcut**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 02 Feather River              |                         |                           | Left                           | 11.36                           |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           | M *                            |                                 |
| Date of Inspection                     | 4/20/2016 - 4/20/2016   |                           | 10/27/2016 - 10/27/2016        |                                 |
| DWR Inspector                          | Sterling York           |                           | Sterling York                  |                                 |
| Accompanied By                         | Finlay Williams         |                           | Finlay Williams                |                                 |

\* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- completion of the inspection
- any changes other than the results of normal maintenance
- corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.00                 | Rating **    | M  | Issue No.              | 94            |
| LM End  | 0.00                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.163750 °            | 39.163750 °   |
|   |                      |              |    | -121.609963 °          | -121.609963 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27714   |                      |              |    |                        |               |
| DS_ID:24651   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Indicator Found  |                      |              |    |                        |               |
| UCIP Comments: Need to contact owner--unable to determine if crossing is authorized (no permit found).  |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: Fiber optic line markers on levee slope unable to determine if line goes through levee. Multiple markers visible on waterward and landward side. |                      |              |    |                        |               |
| FS Date: 4/29/2013  |                      |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.01                    | Rating **    | A  | Issue No.              | 48            |
| LM End   | 11.36                   | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.163770 °            | 39.309997 °   |
|  |                         |              |    | -121.610047 °          | -121.616383 ° |
| DWR ID   | DWR_RD0010_02_f_2016_48 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Well maintained annual vegetation. Fall 2016.                          |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_48\_20161031\_00068.jpg



View of well maintained annual vegetation on the waterside looking downstream. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.01                    | Rating **    | A  | Issue No.              | 24            |
| LM End   | 11.36                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.163770 °            | 39.309997 °   |
|  |                         |              |    | -121.610047 °          | -121.616382 ° |
| DWR ID   | DWR_RD0010_02_f_2016_24 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Well maintained annual vegetation. Fall 2016.                          |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_24\_20161031\_00069.jpg



View of well maintained annual vegetation on the landside looking downstream. Fall 2016.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.38                 | Rating **    | M  | Issue No.              | 96            |
| LM End  | 0.38                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.169174 °            | 39.169174 °   |
|   |                      |              |    | -121.610698 °          | -121.610698 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27533<br>DS_ID:21280<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Recommend removing vegetation and debris along pipe alignment (debris blocking gate on waterward side and vegetation blocking access to screw gate on landward side). Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0027.<br>FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 25.6 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 106+00).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27533\_51135.jpg



View of waterward side.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.38                 | Rating **    | M  | Issue No.              | 96 (cont)     |
| LM End  | 0.38                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.169174 °            | 39.169174 °   |
|   |                      |              |    | -121.610698 °          | -121.610698 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27533<br>DS_ID:21280<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Recommend removing vegetation and debris along pipe alignment (debris blocking gate on waterward side and vegetation blocking access to screw gate on landward side). Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0027.<br>FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 25.6 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 106+00).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

Photo 2 of 2 : UCIP\_FA\_2016\_27533\_51137.jpg



View of waterward slope.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.38                    | Rating **    | M  | Issue No.              | 28            |
| LM End  | 0.38                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.169231 °            | 39.169231 °   |
|   |                         |              |    | -121.610711 °          | -121.610711 ° |
| DWR ID  | DWR_RD0010_02_f_2015_28 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| No rodent activity but squirrel hole needs to be backfilled. Fall 2016.                             |                         |              |    |                        |               |

Photo 1 of 2 : FA\_2016\_RD0010\_164\_28\_20160906\_00007.jpg



View of the rodent hole on the waterward side of the levee looking upstream. Fall 2015.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |           |               |
|---|-------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start  | 0.38                    | Rating **    | M  | Issue No.              | 28 (cont) |               |
| LM End  | 0.38                    | Issue Type + | Ma | Location *             | WS        |               |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |           |               |
|   |                         |              |    | Start                  |           | End           |
| Item  | Animal Control          |              |    | 39.169231 °            |           | 39.169231 °   |
|   |                         |              |    | -121.610711 °          |           | -121.610711 ° |
| DWR ID  | DWR_RD0010_02_f_2015_28 |              |    |                        |           |               |
| Comment Code  |                         |              |    |                        |           |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |           |               |
| Inspector Comment   |                         |              |    |                        |           |               |
| No rodent activity but squirrel hole needs to be backfilled. Fall 2016.                             |                         |              |    |                        |           |               |

Photo 2 of 2 : FA\_2016\_RD0010\_164\_28\_20161031\_00070.jpg



View of squirrel hole on the waterside looking downstream. Fall 2016

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.77                    | Rating **    | C  | Issue No.              | 25            |
| LM End   | 0.77                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.174722 °            | 39.174722 °   |
|  |                         |              |    | -121.609874 °          | -121.609874 ° |
| DWR ID   | DWR_RD0010_02_s_2016_25 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Tree limbs have been trimmed to allow access and visibility. Fall 2016.    |                         |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.80                    | Rating **    | C  | Issue No.              | 26            |
| LM End  | 0.80                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Slope Stability         |              |    | 39.175195 °            | 39.175195 °   |
|   |                         |              |    | -121.609854 °          | -121.609854 ° |
| DWR ID  | DWR_RD0010_02_s_2016_26 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| The tire ruts have been fixed. Fall 2016.   |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



# Reclamation District No. 0010 Honcut

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.19                 | Rating **    | M  | Issue No.              | 79            |
| LM End   | 1.19                 | Issue Type + | En | Location *             | WS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.180875 °            | 39.180875 °   |
|  |                      |              |    | -121.610053 °          | -121.610053 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24821<br>DS_ID:21281<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Screw gate on landward side is blocked by sediment. Recommend removing sediment in front of gate. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0082.<br>FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 26.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on landward end. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 149+88).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

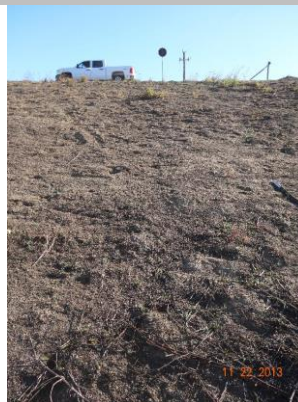
|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.19</b> | Rating **    | M  | Issue No.  | <b>79 (cont)</b> |
| LM End   | <b>1.19</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24821\_44640.jpg



Marker visible on waterward side--No. 4.

Photo 2 of 2 : UCIP\_FA\_2016\_24821\_44639.jpg



View of waterward slope side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

## Reclamation District No. 0010 Honcut

Page 7 of 45

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.86                    | Rating **    | M  | Issue No.              | 40            |
| LM End  | 1.86                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 39.190429 °            | 39.190429 °   |
|   |                         |              |    | -121.607823 °          | -121.607823 ° |
| DWR ID  | DWR_RD0010_02_s_2016_40 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| V4 : Elderberries are blocking visibility and flood fight capability. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
|   |                         |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.12                    | Rating **    | M  | Issue No.              | 65            |
| LM End   | 2.12                    | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.194178 °            | 39.194178 °   |
|  |                         |              |    | -121.607880 °          | -121.607880 ° |
| DWR ID   | DWR_RD0010_02_f_2013_65 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| BU : Building  |                         |              |    |                        |               |
| Inspector Comment                                      |                         |              |    |                        |               |
| Unpermitted building at landside levee toe. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_65\_20160906\_00013.jpg



This photo was taken from the crown facing north looking down the landward levee slope at an outbuilding near the levee toe. Fall 2013.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.71                    | Rating **    | C  | Issue No.              | 41            |
| LM End   | 2.71                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.202553 °            | 39.202553 °   |
|  |                         |              |    | -121.609390 °          | -121.609390 ° |
| DWR ID   | DWR_RD0010_02_s_2016_41 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.            |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Tree has been removed from the landside, looking upstream. Fall 2016 |                         |              |    |                        |               |

No Photos

|  |  |   |  |                                   |  |
|--|--|---|--|-----------------------------------|--|
| * Location                             |  | ** Rating                               |  | + Issue Type                      |  |
| LS : Land Side    N/A : Not Applicable |  | A : Acceptable                          |  | Ma : Maintenance Deficiency       |  |
| WS : Water Side                        |  | M : Minimally Acceptable                |  | Ob : Design & System Obsolescence |  |
| CR : Crown                             |  | U : Unacceptable                        |  | En : Enforcement                  |  |
|  |  | N : Not Inspected/Rated                 |  |                                   |  |
|  |  | C : Corrected                           |  |                                   |  |
|  |  | A/W : Acceptable but Monitor & Maintain |  |                                   |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector        |
|---------------------------|------|------------|--------------------------|------------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling<br>York |

|                                       |                         |              |    |                        |               |
|---------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start                              | 3.05                    | Rating **    | M  | Issue No.              | 42            |
| LM End                                | 3.05                    | Issue Type + | En | Location *             | LS            |
| Category                              | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                                       |                         |              |    | Start                  | End           |
| Item                                  | Encroachments           |              |    | 39.207493 °            | 39.207493 °   |
|                                       |                         |              |    | -121.609847 °          | -121.609847 ° |
| DWR ID                                | DWR_RD0010_02_s_2016_42 |              |    |                        |               |
| Comment Code                          |                         |              |    |                        |               |
| PR : Prunings                         |                         |              |    |                        |               |
| Inspector Comment                     |                         |              |    |                        |               |
| Remove pruning's from toe. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_42\_20161031\_00077.jpg



View of pruning's at the landside toe looking downstream. Fall 2016.

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.10                 | Rating **    | M  | Issue No.              | 90            |
| LM End   | 3.10                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.208193 °            | 39.208193 °   |
|  |                      |              |    | -121.609909 °          | -121.609909 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:27773  |                      |              |    |                        |               |
| DS_ID:21283  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: High rodent activity along pipe alignment--animal control would be beneficial. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0150. |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 22.5 feet below the crown. Flap gate on the waterward end. Metal marker on waterward shoulder.  |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27773\_51461.jpg



Marker visible on waterward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |              |
|--|----------------------|--------------|----|------------------------|--------------|
| LM Start   | 3.10                 | Rating **    | M  | Issue No.              | 90 (cont)    |
| LM End   | 3.10                 | Issue Type + | En | Location *             | LS           |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |              |
|  |                      |              |    | Start                  | End          |
| Item   | DWR UCIP Field Study |              |    | 39.208193°             | 39.208193°   |
|  |                      |              |    | -121.609909°           | -121.609909° |
| DWR ID   |                      |              |    |                        |              |
| Comment Code   |                      |              |    |                        |              |
|  |                      |              |    |                        |              |
| Inspector Comment  |                      |              |    |                        |              |
| FS_ID:27773  |                      |              |    |                        |              |
| DS_ID:21283  |                      |              |    |                        |              |
| EP_NO: N/A   |                      |              |    |                        |              |
| Repair Type: Non-Urgent  |                      |              |    |                        |              |
| Crossing Status: Found   |                      |              |    |                        |              |
| UCIP Comments: High rodent activity along pipe alignment--animal control would be beneficial. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0150. |                      |              |    |                        |              |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 22.5 feet below the crown. Flap gate on the waterward end. Metal marker on waterward shoulder.  |                      |              |    |                        |              |
| FS Date: 4/30/2013   |                      |              |    |                        |              |

Photo 2 of 2 : UCIP\_FA\_2016\_27773\_51460.jpg



View of waterward side--burrow activity present on slope.

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.29                                  | Rating **    | C  | Issue No.              | 43            |
| LM End  | 3.29                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 39.210950 °            | 39.210950 °   |
|   |                                       |              |    | -121.610173 °          | -121.610173 ° |
| DWR ID  | DWR_RD0010_02_s_2016_43               |              |    |                        |               |
| Comment Code  |                                       |              |    |                        |               |
| C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. |                                       |              |    |                        |               |
| Inspector Comment   |                                       |              |    |                        |               |
| The levee crown has been re-rocked. Fall 2016.  |                                       |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.29                 | Rating **    | M  | Issue No.              | 82            |
| LM End   | 3.29                 | Issue Type + | En | Location *             | CR            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.210995 °            | 39.210995 °   |
|  |                      |              |    | -121.610164 °          | -121.610164 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24824<br>DS_ID:21284<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Remove concrete piece preventing complete closure of screw gate on landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0152.<br>FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 24.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 259+76).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>3.29</b> | Rating **    | M  | Issue No.  | <b>82 (cont)</b> |
| LM End   | <b>3.29</b> | Issue Type + | En | Location * | CR               |

Photo 1 of 2 : UCIP\_FA\_2016\_24824\_44658.jpg



Marker visible on waterward side.

Photo 2 of 2 : UCIP\_FA\_2016\_24824\_44657.jpg



Overview of waterward slope--barrier placed at toe to discourage damage to crossing.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.60                   | Rating **    | M  | Issue No.              | 7             |
| LM End  | 3.60                   | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Animal Control         |              |    | 39.215338 °            | 39.215338 °   |
|   |                        |              |    | -121.610751 °          | -121.610751 ° |
| DWR ID  | DWR_RD0010_02_s_2016_7 |              |    |                        |               |
| Comment Code  |                        |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                        |              |    |                        |               |
| Inspector Comment   |                        |              |    |                        |               |
| Rodent hole needs to be properly backfilled. Fall 2016.   |                        |              |    |                        |               |

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>3.60</b> | Rating **    | M  | Issue No.  | <b>7 (cont)</b> |
| LM End   | <b>3.60</b> | Issue Type + | Ma | Location * | LS              |

Photo 1 of 3 : FA\_2016\_RD0010\_164\_7\_20160906\_00001.jpg



Marker visible on waterward side.

Photo 2 of 3 : FA\_2016\_RD0010\_164\_7\_20160906\_00002.jpg



View of waterward slope--burrow activity present.

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>3.60</b> | Rating **    | M  | Issue No.  | <b>7 (cont)</b> |
| LM End   | <b>3.60</b> | Issue Type + | Ma | Location * | LS              |

Photo 3 of 3 : FA\_2016\_RD0010\_164\_7\_20160906\_00003.jpg

Could Not Find Photo

Flap gate located on waterward side--debris blocking gate.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.62                 | Rating **    | M  | Issue No.              | 83            |
| LM End   | 3.62                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.215620 °            | 39.215620 °   |
|  |                      |              |    | -121.610813 °          | -121.610813 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24825<br>DS_ID:21285<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Sediment blocking flap gate and screw gate--recommend removing material. Dense burrow activity present along levee slopes (large holes visible on landward side)--recommend addressing issue. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0169.<br>FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 19.5 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 277+00).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>3.62</b> | Rating **    | M  | Issue No.  | <b>83 (cont)</b> |
| LM End   | <b>3.62</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24825\_44664.jpg



Marker visible on waterward side.

Photo 2 of 2 : UCIP\_FA\_2016\_24825\_44663.jpg



View of waterward slope--burrow activity present.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.65                    | Rating **    | M  | Issue No.              | 68            |
| LM End  | 3.65                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.216059 °            | 39.216059 °   |
|   |                         |              |    | -121.610815 °          | -121.610815 ° |
| DWR ID  | DWR_RD0010_02_f_2013_68 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| No rodent activity but holes need to be properly backfilled. Fall 2016.                             |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_68\_20161031\_00079.jpg



View of rodent holes on waterside slope. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.86                    | Rating **    | C  | Issue No.              | 44            |
| LM End  | 3.86                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 39.219160 °            | 39.219160 °   |
|   |                         |              |    | -121.610617 °          | -121.610617 ° |
| DWR ID  | DWR_RD0010_02_s_2016_44 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Tree in this location has been removed. Fall 2016.        |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.95                 | Rating **    | M  | Issue No.              | 84            |
| LM End   | 3.95                 | Issue Type + | En | Location *             | WS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.220374 °            | 39.220374 °   |
|  |                      |              |    | -121.610903 °          | -121.610903 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24826  |                      |              |    |                        |               |
| DS_ID:21286  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: Deformation observed on the top wall of pipe at the entrance of landward side--need to contact owner to address issue.  |                      |              |    |                        |               |
| This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0180.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 21.5 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 294+84). |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>3.95</b> | Rating **    | M  | Issue No.  | <b>84 (cont)</b> |
| LM End   | <b>3.95</b> | Issue Type + | En | Location * | WS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24826\_44669.jpg



View of marker located on waterward shoulder, no reference number is visible.

Photo 2 of 2 : UCIP\_FA\_2016\_24826\_44668.jpg



View of waterward slope.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

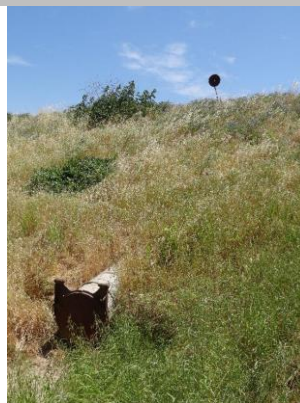
| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.33                    | Rating **    | C  | Issue No.              | 45            |
| LM End  | 4.33                    | Issue Type + | En | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.225449 °            | 39.225449 °   |
|   |                         |              |    | -121.613506 °          | -121.613506 ° |
| DWR ID  | DWR_RD0010_02_s_2016_45 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| PR : Prunings   |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Pruning's have been burned and no longer exist at this location. Fall 2016. |                         |              |    |                        |               |

No Photos

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.44                 | Rating **    | M  | Issue No.              | 89            |
| LM End   | 4.44                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.226938 °            | 39.226938 °   |
|  |                      |              |    | -121.613174 °          | -121.613174 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24751  |                      |              |    |                        |               |
| DS_ID:21288  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: Need to updated photos showing cleared slopes. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0193.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 19.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward side. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 322+25). |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24751\_44375.jpg



View of waterward side--dense vegetation on slope.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |     |
|---|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start  | 4.44                 | Rating **    | M  | Issue No.              | 89 (cont)     |     |
| LM End  | 4.44                 | Issue Type + | En | Location *             | LS            |     |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |     |
|   |                      |              |    | Start                  |               | End |
| Item  | DWR UCIP Field Study |              |    | 39.226938 °            | 39.226938 °   |     |
|   |                      |              |    | -121.613174 °          | -121.613174 ° |     |
| DWR ID  |                      |              |    |                        |               |     |
| Comment Code  |                      |              |    |                        |               |     |
|   |                      |              |    |                        |               |     |
| Inspector Comment   |                      |              |    |                        |               |     |
| FS_ID:24751<br>DS_ID:21288<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Need to updated photos showing cleared slopes. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0193.<br>FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 19.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward side. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 322+25).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |     |

Photo 2 of 2 : UCIP\_FA\_2016\_24751\_44376.jpg



View of flap gate on waterward side.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start                                    | 4.44                    | Rating **    | M  | Issue No.              | 31            |
| LM End                                      | 4.48                    | Issue Type + | En | Location *             | LS            |
| Category                                    | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.226946 °            | 39.227445 °   |
|   |                         |              |    | -121.613048 °          | -121.612718 ° |
| DWR ID                                      | DWR_RD0010_02_f_2015_31 |              |    |                        |               |
| Comment Code                                |                         |              |    |                        |               |
| EQ : Equipment                              |                         |              |    |                        |               |
| Inspector Comment                           |                         |              |    |                        |               |
| Remove equipment from levee toe. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 2 : FA\_2016\_RD0010\_164\_31\_20160906\_00008.jpg



View of the equipment at the toe of the levee on the landward side of the levee looking upstream. Fall 2015.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |           |               |
|---|-------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start                                    | 4.44                    | Rating **    | M  | Issue No.              | 31 (cont) |               |
| LM End                                      | 4.48                    | Issue Type + | En | Location *             | LS        |               |
| Category                                    | Earthen Levee           |              |    | GPS Latitude/Longitude |           |               |
|   |                         |              |    | Start                  |           | End           |
| Item  | Encroachments           |              |    | 39.226946 °            |           | 39.227445 °   |
|   |                         |              |    | -121.613048 °          |           | -121.612718 ° |
| DWR ID                                      | DWR_RD0010_02_f_2015_31 |              |    |                        |           |               |
| Comment Code                                |                         |              |    |                        |           |               |
| EQ : Equipment                              |                         |              |    |                        |           |               |
| Inspector Comment                           |                         |              |    |                        |           |               |
| Remove equipment from levee toe. Fall 2016. |                         |              |    |                        |           |               |

Photo 2 of 2 : FA\_2016\_RD0010\_164\_31\_20161031\_00081.jpg



View of the equipment at the toe of the levee on the landward side of the levee looking downstream. Fall 2016.

|   |                      |              |    |                        |    |               |
|---|----------------------|--------------|----|------------------------|----|---------------|
| LM Start  | 4.44                 | Rating **    | M  | Issue No.              | 97 |               |
| LM End  | 4.44                 | Issue Type + | En | Location *             | LS |               |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |    |               |
|   |                      |              |    | Start                  |    | End           |
| Item  | DWR UCIP Field Study |              |    | 39.226932 °            |    | 39.226932 °   |
|   |                      |              |    | -121.613048 °          |    | -121.613048 ° |
| DWR ID  |                      |              |    |                        |    |               |
| Comment Code  |                      |              |    |                        |    |               |
|   |                      |              |    |                        |    |               |
| Inspector Comment   |                      |              |    |                        |    |               |
| FS_ID:47132   |                      |              |    |                        |    |               |
| DS_ID:24658   |                      |              |    |                        |    |               |
| EP_NO: N/A  |                      |              |    |                        |    |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |    |               |
| Crossing Status: Indicator Found                                      |                      |              |    |                        |    |               |
| UCIP Comments: Need to confirm location and add photos of the marker. |                      |              |    |                        |    |               |
| FIELD_STRUCT_DESC: Marker on landward side.                           |                      |              |    |                        |    |               |
| FS Date: 4/29/2013  |                      |              |    |                        |    |               |

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.63                    | Rating **    | C  | Issue No.              | 46            |
| LM End   | 4.63                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.229535 °            | 39.229535 °   |
|  |                         |              |    | -121.612983 °          | -121.612983 ° |
| DWR ID   | DWR_RD0010_02_s_2016_46 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Large patch of wild growth, blackberries on landward toe should be removed.  |                         |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start                                    | 4.65                    | Rating **    | M  | Issue No.              | 63            |
| LM End                                      | 4.65                    | Issue Type + | En | Location *             | LS            |
| Category                                    | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.229790 °            | 39.229790 °   |
|   |                         |              |    | -121.613204 °          | -121.613204 ° |
| DWR ID                                      | DWR_RD0010_02_f_2016_63 |              |    |                        |               |
| Comment Code                                |                         |              |    |                        |               |
| EQ : Equipment                              |                         |              |    |                        |               |
| Inspector Comment                           |                         |              |    |                        |               |
| Remove equipment from levee toe. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_63\_20161031\_00084.jpg



View of the equipment at the toe of the levee on the landward side of the levee looking downstream. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.78                 | Rating **    | M  | Issue No.              | 91            |
| LM End   | 4.78                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.231251 °            | 39.231251 °   |
|  |                      |              |    | -121.614494 °          | -121.614494 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:27774  |                      |              |    |                        |               |
| DS_ID:21289  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Indicator Found                                     |                      |              |    |                        |               |
| UCIP Comments: Sediment build-up inside and at the opening pipe.     |                      |              |    |                        |               |
| This crossing is referenced in the USACE Periodic Inspection as item |                      |              |    |                        |               |
| USACE_CESPK_HON2_2013_p_0206.  |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 30-inch drainpipe through the levee, 20.0 feet    |                      |              |    |                        |               |
| below the crown. Flap gate on the waterward end. Slide gate on the   |                      |              |    |                        |               |
| landward end.  |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>4.78</b> | Rating **    | M  | Issue No.  | <b>91 (cont)</b> |
| LM End   | <b>4.78</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27774\_51467.jpg



Marker visible on waterward shoulder, Reference ID No. 11 for crossing.

Photo 2 of 2 : UCIP\_FA\_2016\_27774\_51470.jpg



View of waterward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 5.20                    | Rating **    | M  | Issue No.              | 50            |
| LM End  | 5.20                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.237272 °            | 39.237272 °   |
|   |                         |              |    | -121.615424 °          | -121.615424 ° |
| DWR ID  | DWR_RD0010_02_f_2016_50 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| No rodent activity but holes need to be properly backfilled. Fall 2016.                             |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_50\_20161031\_00087.jpg



View of rodent hole on landside slope. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.14                    | Rating **    | M  | Issue No.              | 47            |
| LM End  | 6.14                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 39.250427 °            | 39.250427 °   |
|   |                         |              |    | -121.619196 °          | -121.619196 ° |
| DWR ID  | DWR_RD0010_02_s_2016_47 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Remove small starter tree. Fall 2016.   |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_47\_20161031\_00088.jpg



View of a small tree at the toe of the landside. Fall 2016.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 6.16                 | Rating **    | M  | Issue No.              | 95            |
| LM End   | 6.16                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.250593 °            | 39.250593 °   |
|  |                      |              |    | -121.619178 °          | -121.619178 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:27793  |                      |              |    |                        |               |
| DS_ID:21291  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: Need to contact owner to remove debris inside concrete distribution box and on slope. This crossing is referenced in the USACE Periodic Inspection as item  |                      |              |    |                        |               |
| USACE_CESPK_HON2_2013_p_0244.  |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 17.3 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 413+81). |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>6.16</b> | Rating **    | M  | Issue No.  | <b>95 (cont)</b> |
| LM End   | <b>6.16</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_27793\_51514.jpg



View of marker located on waterward shoulder, pipe is reference as No. 13.

Photo 2 of 2 : UCIP\_FA\_2016\_27793\_51517.jpg



View of flap gate located on waterward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|                              |                         |              |    |                        |               |
|------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start                     | 6.36                    | Rating **    | M  | Issue No.              | 49            |
| LM End                       | 6.36                    | Issue Type + | En | Location *             | LS            |
| Category                     | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                              |                         |              |    | Start                  | End           |
| Item                         | Encroachments           |              |    | 39.253524 °            | 39.253524 °   |
|                              |                         |              |    | -121.619448 °          | -121.619448 ° |
| DWR ID                       | DWR_RD0010_02_s_2016_49 |              |    |                        |               |
| Comment Code                 |                         |              |    |                        |               |
| PR : Prunings                |                         |              |    |                        |               |
| Inspector Comment            |                         |              |    |                        |               |
| Remove pruning's, Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_49\_20161031\_00089.jpg



View of pruning's at landside levee toe. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.72                    | Rating **    | M  | Issue No.              | 32            |
| LM End  | 6.72                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.257859 °            | 39.257859 °   |
|   |                         |              |    | -121.617667 °          | -121.617667 ° |
| DWR ID  | DWR_RD0010_02_f_2015_32 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| No rodent activity but holes need to be properly backfilled. Fall 2016.                             |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_32\_20161031\_00092.jpg



View of rodent holes on waterside levee slope. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.82                    | Rating **    | C  | Issue No.              | 51            |
| LM End  | 6.82                    | Issue Type + | En | Location *             | CR            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.259081 °            | 39.259081 °   |
|   |                         |              |    | -121.616496 °          | -121.616496 ° |
| DWR ID  | DWR_RD0010_02_s_2016_51 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| PR : Prunings   |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Pruning's have been moved away from levee toe. Fall 2016. |                         |              |    |                        |               |

No Photos

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|--|--|---|--|---|--|



# Reclamation District No. 0010 Honcut

View of debris at landside levee toe. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.24                 | Rating **    | M  | Issue No.              | 98            |
| LM End   | 7.24                 | Issue Type + | En | Location *             | CR            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.264639 °            | 39.264639 °   |
|          |                      |              |    | -121.613745 °          | -121.613745 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:50059  
DS\_ID:21293  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: 7/01/2016 Crossing is blocked by sediment and debris on both WS and LS. Screw gate is missing on LS. (DWR UCIP - omagana)4/30/2013 Both openings of crossing are blocked by sediment--screw gate is damage. Recommend notifying owner to repair screw gate and remove sediment build-up blocking openings. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON2\_2013\_p\_0295. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal drainage pipe through the levee, 13 feet below the crown. Two corrugated metal cutoff walls around pipe located on both the waterside (WS) and landside (LS) shoulders. Flap gate is located on the WS end. Slide gate is located on the LS. Concrete headwall, saddle and apron are located on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 151, May 1953, Station 471+21].  
FS Date: 7/1/2016

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>7.24</b> | Rating **    | M  | Issue No.  | <b>98 (cont)</b> |
| LM End   | <b>7.24</b> | Issue Type + | En | Location * | CR               |

Photo 1 of 2 : UCIP\_FA\_2016\_50059\_44693.jpg



Marker visible on WS shoulder, crossing referenced as No. 14.

Photo 2 of 2 : UCIP\_FA\_2016\_50059\_44692.jpg



View of WS slope.

| * Location                                      | ** Rating  | + Issue Type   |
|---|--|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain  |
| N/A : Not Applicable                            |  | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |

## Reclamation District No. 0010 Honcut

No Photos

View of fence at landside levee toe looking downstream. Fall 2016.

View of small willows at landside levee toe looking downstream. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 7.74                    | Rating **    | C  | Issue No.              | 57            |
| LM End   | 7.74                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.271353 °            | 39.271353 °   |
|  |                         |              |    | -121.611386 °          | -121.611386 ° |
| DWR ID   | DWR_RD0010_02_s_2016_57 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Trees have been trimmed up. Fall 2016.                                     |                         |              |    |                        |               |

No Photos

|                                       |                         |              |    |                        |               |
|---------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start                              | 7.76                    | Rating **    | M  | Issue No.              | 58            |
| LM End                                | 7.76                    | Issue Type + | En | Location *             | LS            |
| Category                              | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                                       |                         |              |    | Start                  | End           |
| Item                                  | Encroachments           |              |    | 39.271617 °            | 39.271617 °   |
|                                       |                         |              |    | -121.611500 °          | -121.611500 ° |
| DWR ID                                | DWR_RD0010_02_s_2016_58 |              |    |                        |               |
| Comment Code                          |                         |              |    |                        |               |
| PR : Prunings                         |                         |              |    |                        |               |
| Inspector Comment                     |                         |              |    |                        |               |
| Remove pruning's from toe. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_58\_20161102\_00103.jpg



View of pruning's stacked up at landside levee toe. Fall 2016.

|   |                         |              |    |                        |              |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start  | 7.78                    | Rating **    | M  | Issue No.              | 59           |
| LM End  | 7.78                    | Issue Type + | Ma | Location *             | LS           |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |              |
|   |                         |              |    | Start                  | End          |
| Item  | Trim / Thin Trees       |              |    | 39.271861°             | 39.271861°   |
|   |                         |              |    | -121.611702°           | -121.611702° |
| DWR ID  | DWR_RD0010_02_s_2016_59 |              |    |                        |              |
| Comment Code  |                         |              |    |                        |              |
| T1 : Trim trees to at least five feet above ground level. |                         |              |    |                        |              |
| Inspector Comment   |                         |              |    |                        |              |
| Trim tree up 5' for access and visibility. Fall 2016.     |                         |              |    |                        |              |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_59\_20161102\_00104.jpg



View of a tree on landside looking downstream that needs to be trimmed up 5' for access and visibility. Fall 2016.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 7.86                    | Rating **    | M  | Issue No.              | 34            |
| LM End   | 7.86                    | Issue Type + | En | Location *             | CR            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.272290 °            | 39.272290 °   |
|  |                         |              |    | -121.613080 °          | -121.613080 ° |
| DWR ID   | DWR_RD0010_02_f_2015_34 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| MA : Material  |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Bee hives have been placed on a wide section of the crown. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_34\_20160906\_00009.jpg



View of the beehives on the crown of the levee. Fall 2015.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 8.09                    | Rating **    | M  | Issue No.              | 35            |
| LM End  | 8.09                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 39.275179 °            | 39.275179 °   |
|   |                         |              |    | -121.611283 °          | -121.611283 ° |
| DWR ID  | DWR_RD0010_02_f_2015_35 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Back fill rodent hole. Fall 2016.   |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_35\_20161102\_00105.jpg



View of rodent hole on waterside. Fall 2016.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 8.33                    | Rating **    | C  | Issue No.              | 61            |
| LM End  | 8.33                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 39.278078 °            | 39.278078 °   |
|   |                         |              |    | -121.609282 °          | -121.609282 ° |
| DWR ID  | DWR_RD0010_02_s_2016_61 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.           |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| This tree has been trimmed up for access and visibility. Fall 2016. |                         |              |    |                        |               |

No Photos

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |              |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start  | 8.44                    | Rating **    | C  | Issue No.              | 62           |
| LM End  | 8.44                    | Issue Type + | Ma | Location *             | WS           |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |              |
|   |                         |              |    | Start                  | End          |
| Item  | Trim / Thin Trees       |              |    | 39.278887°             | 39.278887°   |
|   |                         |              |    | -121.607396°           | -121.607396° |
| DWR ID  | DWR_RD0010_02_s_2016_62 |              |    |                        |              |
| Comment Code  |                         |              |    |                        |              |
| T1 : Trim trees to at least five feet above ground level.                         |                         |              |    |                        |              |
| Inspector Comment   |                         |              |    |                        |              |
| The tree limb has been trimmed up to adequate height on the waterside. Fall 2016. |                         |              |    |                        |              |

No Photos

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 8.76                 | Rating **    | M  | Issue No.              | 92            |
| LM End   | 8.76                 | Issue Type + | En | Location *             | WS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.279093 °            | 39.279093 °   |
|  |                      |              |    | -121.601753 °          | -121.601753 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:27775  |                      |              |    |                        |               |
| DS_ID:21296  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: Sediment build-up at the inlet--recommend clearing sediment. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0348.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 23.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. Metal marker on waterward shoulder. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 551+96). |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27775\_51473.jpg



View of waterward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |     |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start   | 8.76                 | Rating **    | M  | Issue No.              | 92 (cont)     |     |
| LM End   | 8.76                 | Issue Type + | En | Location *             | WS            |     |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |     |
|  |                      |              |    | Start                  |               | End |
| Item   | DWR UCIP Field Study |              |    | 39.279093 °            | 39.279093 °   |     |
|  |                      |              |    | -121.601753 °          | -121.601753 ° |     |
| DWR ID   |                      |              |    |                        |               |     |
| Comment Code   |                      |              |    |                        |               |     |
|  |                      |              |    |                        |               |     |
| Inspector Comment  |                      |              |    |                        |               |     |
| FS_ID:27775  |                      |              |    |                        |               |     |
| DS_ID:21296  |                      |              |    |                        |               |     |
| EP_NO: N/A   |                      |              |    |                        |               |     |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |     |
| Crossing Status: Found   |                      |              |    |                        |               |     |
| UCIP Comments: Sediment build-up at the inlet--recommend clearing sediment. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0348.   |                      |              |    |                        |               |     |
| FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 23.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. Metal marker on waterward shoulder. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 551+96). |                      |              |    |                        |               |     |
| FS Date: 4/30/2013   |                      |              |    |                        |               |     |

Photo 2 of 2 : UCIP\_FA\_2016\_27775\_51472.jpg



View of landward side.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 8.93                    | Rating **    | C  | Issue No.              | 64            |
| LM End   | 8.93                    | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.281002 °            | 39.281002 °   |
|  |                         |              |    | -121.600098 °          | -121.600098 ° |
| DWR ID   | DWR_RD0010_02_s_2016_64 |              |    |                        |               |
| Comment Code                                       |                         |              |    |                        |               |
| DE : Debris  |                         |              |    |                        |               |
| Inspector Comment                                  |                         |              |    |                        |               |
| Debris has been removed from this area. Fall 2016. |                         |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 9.01                 | Rating **    | M  | Issue No.              | 85            |
| LM End   | 9.01                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.282263 °            | 39.282263 °   |
|  |                      |              |    | -121.600146 °          | -121.600146 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24834<br>DS_ID:21297<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Slide gate missing on landward side. Need to contact owner to determine status of crossing. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0367.<br>FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 14.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward side (missing). Concrete headwall, saddle and apron on the waterward end. Concrete splash apron (6x6 foot) at waterward toe. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 565+74).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>9.01</b> | Rating **    | M  | Issue No.  | <b>85 (cont)</b> |
| LM End   | <b>9.01</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24834\_44715.jpg



Marker visible on waterward shoulder, crossing is referenced as No. 18.

Photo 2 of 2 : UCIP\_FA\_2016\_24834\_44714.jpg



View of waterward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

# Reclamation District No. 0010 Honcut

View of where pruning's have been burned on the landside toe looking downstream. Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 9.23                 | Rating **    | M  | Issue No.              | 80            |
| LM End  | 9.23                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.285329 °            | 39.285329 °   |
|   |                      |              |    | -121.600309 °          | -121.600309 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:24768<br>DS_ID:21298<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Crossing is buried--found indicators of concrete headwall. Need to contact owner to determine status of crossing. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0378.<br>FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 13.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwalls at both ends. Metal marker on waterward slope. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 576+75).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>9.23</b> | Rating **    | M  | Issue No.  | <b>80 (cont)</b> |
| LM End   | <b>9.23</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24768\_44450.jpg



View of waterward slope.

Photo 2 of 2 : UCIP\_FA\_2016\_24768\_44451.jpg



Dense vegetation on landward side.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start                                    | 9.26                      | Rating **    | M  | Issue No.              | 69            |
| LM End                                      | 9.26                      | Issue Type + | En | Location *             | LS            |
| Category                                    | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Encroachments             |              |    | 39.285845 °            | 39.285845 °   |
|   |                           |              |    | -121.600362 °          | -121.600362 ° |
| DWR ID                                      | DWR_RD0010_02_s _ 2016_69 |              |    |                        |               |
| Comment Code                                |                           |              |    |                        |               |
| PR : Prunings                               |                           |              |    |                        |               |
| Inspector Comment                           |                           |              |    |                        |               |
| Remove pruning's from levee toe. Fall 2016. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_69\_20161103\_00111.jpg



View of large pile of pruning's on the landside levee toe looking downstream. Fall 2016.

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 9.34                                  | Rating **    | C  | Issue No.              | 27            |
| LM End  | 9.34                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 39.286983 °            | 39.286983 °   |
|   |                                       |              |    | -121.600423 °          | -121.600423 ° |
| DWR ID  | DWR_RD0010_02_s _ 2015_27             |              |    |                        |               |
| Comment Code  |                                       |              |    |                        |               |
| C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. |                                       |              |    |                        |               |
| Inspector Comment   |                                       |              |    |                        |               |
| New rock has been added to the crown and ruts no longer exist. Fall 2016.                           |                                       |              |    |                        |               |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 9.35                 | Rating **    | M  | Issue No.              | 81            |
| LM End   | 9.35                 | Issue Type + | En | Location *             | CR            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.287059 °            | 39.287059 °   |
|          |                      |              |    | -121.600401 °          | -121.600401 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:24769  
DS\_ID:21299  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Need to contact owner. Need to clear debris from concrete distribution box on waterward and remove debris blocking landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE\_CESPK\_HON2\_2013\_p\_0383.  
FIELD\_STRUCT\_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward side. Concrete headwall, saddle and apron on the waterward end. Metal marker on waterward shoulder. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 582+72).  
FS Date: 4/30/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>9.35</b> | Rating **    | M  | Issue No.  | <b>81 (cont)</b> |
| LM End   | <b>9.35</b> | Issue Type + | En | Location * | CR               |

Photo 1 of 2 : UCIP\_FA\_2016\_24769\_44454.jpg



Marker visible on waterward side shoulder, crossing is referenced as No. 20.

Photo 2 of 2 : UCIP\_FA\_2016\_24769\_44453.jpg



View of flap gate located inside concrete distribution box. Debris scattered inside box.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 9.50                    | Rating **    | C  | Issue No.              | 36            |
| LM End  | 9.50                    | Issue Type + | En | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 39.289235 °            | 39.289235 °   |
|   |                         |              |    | -121.601117 °          | -121.601117 ° |
| DWR ID  | DWR_RD0010_02_f_2015_36 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| TR : Tree or limb   |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Existing trash has been moved more than 10' from landside toe. Fall 2016. |                         |              |    |                        |               |

No Photos

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 9.71                 | Rating **    | M  | Issue No.              | 93            |
| LM End  | 9.71                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.291474 °            | 39.291474 °   |
|   |                      |              |    | -121.603677 °          | -121.603677 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:27776   |                      |              |    |                        |               |
| DS_ID:21301   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Found  |                      |              |    |                        |               |
| UCIP Comments: Recommend removing debris blocking slide gate on landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0402.     |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch drainpipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at landward toe. |                      |              |    |                        |               |
| FS Date: 4/30/2013  |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_27776\_51478.jpg



Marker visible on waterward shoulder, crossing referenced as No. 22.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |  |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start  | 9.71                 | Rating **    | M  | Issue No.              | 93 (cont)     |  |
| LM End  | 9.71                 | Issue Type + | En | Location *             | LS            |  |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |  |
|   |                      |              |    | Start                  | End           |  |
| Item  | DWR UCIP Field Study |              |    | 39.291474 °            | 39.291474 °   |  |
|   |                      |              |    | -121.603677 °          | -121.603677 ° |  |
| DWR ID  |                      |              |    |                        |               |  |
| Comment Code  |                      |              |    |                        |               |  |
|   |                      |              |    |                        |               |  |
| Inspector Comment   |                      |              |    |                        |               |  |
| FS_ID:27776   |                      |              |    |                        |               |  |
| DS_ID:21301   |                      |              |    |                        |               |  |
| EP_NO: N/A  |                      |              |    |                        |               |  |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |  |
| Crossing Status: Found  |                      |              |    |                        |               |  |
| UCIP Comments: Recommend removing debris blocking slide gate on landward side. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0402.     |                      |              |    |                        |               |  |
| FIELD_STRUCT_DESC: 24-inch drainpipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at landward toe. |                      |              |    |                        |               |  |
| FS Date: 4/30/2013  |                      |              |    |                        |               |  |

Photo 2 of 2 : UCIP\_FA\_2016\_27776\_51482.jpg



View of waterward side.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 9.94                    | Rating **    | M  | Issue No.              | 70            |
| LM End   | 9.94                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.293633 °            | 39.293633 °   |
|  |                         |              |    | -121.606986 °          | -121.606986 ° |
| DWR ID   | DWR_RD0010_02_s_2016_70 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T1 : Trim trees to at least five feet above ground level.    |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Trim tree up five feet for visibility and access. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_70\_20161103\_00114.jpg



View of tree on landside toe that need to be trimmed up five feet for visibility and access. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

# Reclamation District No. 0010 Honcut

View of large pile of pruning's on the waterside toe looking downstream.  
Fall 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 10.32                   | Rating **    | M  | Issue No.              | 73            |
| LM End   | 10.32                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.297091 °            | 39.297091 °   |
|  |                         |              |    | -121.612366 °          | -121.612366 ° |
| DWR ID   | DWR_RD0010_02_s_2016_73 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Blackberries on landward slope should be removed.                            |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_73\_20161103\_00117.jpg



View of landside slope looking downstream where blackberry bushes have been sprayed and burned but need to be removed. Fall 2016.

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 10.38                | Rating **    | M  | Issue No.              | 86            |
| LM End   | 10.38                | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.297717 °            | 39.297717 °   |
|  |                      |              |    | -121.613160 °          | -121.613160 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24838<br>DS_ID:21303<br>EP_NO: 1069<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Unable to find the crossing on landward side--indicators found of crossing. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0442.<br>FIELD_STRUCT_DESC: 24-inch steel pipe through the levee, 13.0 feet below the crown. Two concrete cutoff walls around pipe at both shoulders. Flap gate and concrete headwall on waterward end. Slide gate and concrete saddle and apron on landward end. (Permit No. 1069-1941) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 638+00).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24838\_44737.jpg



Marker visible on waterward shoulder, this crossing is reference as No. 24.

|  |  |  |   |
|--|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>N : Not Inspected/Rated</b><br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 10.38                | Rating **    | M  | Issue No.              | 86 (cont)     |
| LM End  | 10.38                | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.297717 °            | 39.297717 °   |
|   |                      |              |    | -121.613160 °          | -121.613160 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:24838<br>DS_ID:21303<br>EP_NO: 1069<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Unable to find the crossing on landward side-- indicators found of crossing. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0442.<br>FIELD_STRUCT_DESC: 24-inch steel pipe through the levee, 13.0 feet below the crown. Two concrete cutoff walls around pipe at both shoulders. Flap gate and concrete headwall on waterward end. Slide gate and concrete saddle and apron on landward end. (Permit No. 1069-1941) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 638+00).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

Photo 2 of 2 : UCIP\_FA\_2016\_24838\_44741.jpg



View of waterward side.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 10.48                   | Rating **    | M  | Issue No.              | 75            |
| LM End  | 10.63                   | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 39.298762 °            | 39.300083 °   |
|   |                         |              |    | -121.614394 °          | -121.616614 ° |
| DWR ID  | DWR_RD0010_02_s_2016_75 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight.        |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Tree has been trimmed up but small starter trees should be removed.<br>Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_75\_20161103\_00118.jpg



View of landside looking downstream where the tree has been trimmed up but small starter trees should be removed. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 10.70                   | Rating **    | M  | Issue No.              | 76            |
| LM End  | 10.70                   | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 39.300866 °            | 39.300866 °   |
|   |                         |              |    | -121.617510 °          | -121.617510 ° |
| DWR ID  | DWR_RD0010_02_s_2016_76 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| V4 : Elderberries are blocking visibility and flood fight capability. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Wild growth on waterside slope should be removed. Fall 2016.          |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_76\_20161103\_00119.jpg



View looking downstream at wild growth on waterside slope that needs to be removed. Fall 2016.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 10.71                | Rating **    | M  | Issue No.              | 87            |
| LM End  | 10.71                | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.300931 °            | 39.300931 °   |
|   |                      |              |    | -121.617490 °          | -121.617490 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:24839<br>DS_ID:21304<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Rip rap was used to stabilize the waterward slope during high water as a means of emergency repair--unable to determine storm event when repair was performed. Recommend obtaining records of the repair and to determine if crossing is still being used. Need to determine owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0458 and 460.<br>FIELD_STRUCT_DESC: 24-inch steel pipe through the levee, 5.0 feet below the crown. Slide gate in a 36-inch concrete riser on the landward shoulder. Gate valve in a pump house on the waterward slope. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 655+65).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24839\_44745.jpg



View of waterward shoulder behind vegetation is standpipe.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |           |               |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start  | 10.71                | Rating **    | M  | Issue No.              | 87 (cont) |               |
| LM End  | 10.71                | Issue Type + | En | Location *             | WS        |               |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |           |               |
|   |                      |              |    | Start                  |           | End           |
| Item  | DWR UCIP Field Study |              |    | 39.300931 °            |           | 39.300931 °   |
|   |                      |              |    | -121.617490 °          |           | -121.617490 ° |
| DWR ID  |                      |              |    |                        |           |               |
| Comment Code  |                      |              |    |                        |           |               |
|   |                      |              |    |                        |           |               |
| Inspector Comment   |                      |              |    |                        |           |               |
| FS_ID:24839<br>DS_ID:21304<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Rip rap was used to stabilize the waterward slope during high water as a means of emergency repair--unable to determine storm event when repair was performed. Recommend obtaining records of the repair and to determine if crossing is still being used. Need to determine owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. This crossing is referenced in the USACE Periodic Inspection as item USACE_CESPK_HON2_2013_p_0458 and 460.<br>FIELD_STRUCT_DESC: 24-inch steel pipe through the levee, 5.0 feet below the crown. Slide gate in a 36-inch concrete riser on the landward shoulder. Gate valve in a pump house on the waterward slope. Concrete headwall, saddle and apron on the waterward end. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 655+65).<br>FS Date: 4/30/2013 |                      |              |    |                        |           |               |

Photo 2 of 2 : UCIP\_FA\_2016\_24839\_44742.jpg



View of standpipe located on landward side.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 10.79                   | Rating **    | M  | Issue No.              | 77            |
| LM End   | 10.79                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.302055 °            | 39.302055 °   |
|  |                         |              |    | -121.617730 °          | -121.617730 ° |
| DWR ID   | DWR_RD0010_02_s_2016_77 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Small tree on slope should be removed. Fall 2016.                          |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_77\_20161103\_00120.jpg



View looking downstream of a small tree on landside slope that should be removed. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 10.94                   | Rating **    | M  | Issue No.              | 37            |
| LM End   | 10.94                   | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 39.304087 °            | 39.304087 °   |
|  |                         |              |    | -121.618086 °          | -121.618086 ° |
| DWR ID   | DWR_RD0010_02_f_2015_37 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| V6 : Landscaping                                       |                         |              |    |                        |               |
| Inspector Comment                                      |                         |              |    |                        |               |
| Landscaping on levee toe should be removed. Fall 2016. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_37\_20161103\_00121.jpg



View of the cactus on the landward side of the levee looking downstream. Fall 2016.

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 11.07                | Rating **    | M  | Issue No.              | 88            |
| LM End   | 11.07                | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.305915 °            | 39.305915 °   |
|  |                      |              |    | -121.617698 °          | -121.617698 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24840  |                      |              |    |                        |               |
| DS_ID:21305  |                      |              |    |                        |               |
| EP_NO: N/A   |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: Burrow activity--large holes found on landward side.      |                      |              |    |                        |               |
| Crossing on landward side is blocked. Recommend clearing headwall        |                      |              |    |                        |               |
| and crossing. Need to coordinate with owner to determine status of       |                      |              |    |                        |               |
| crossing. If crossing is no longer in use owner will need to contact the |                      |              |    |                        |               |
| CVFPB to comply with Title 23. This crossing is referenced in the        |                      |              |    |                        |               |
| USACE Periodic Inspection as item  |                      |              |    |                        |               |
| USACE_CESPK_HON2_2013_p_0476.  |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 7.5 feet           |                      |              |    |                        |               |
| below the crown. Two CM cutoff walls around pipe at both shoulders.      |                      |              |    |                        |               |
| Flap gate on the waterward end. Concrete headwall at both toes.          |                      |              |    |                        |               |
| Saddle and apron on waterward side. (USACE-1953). This entry             |                      |              |    |                        |               |
| matches the Drainage or Irrigation Structure referenced in O&M manual    |                      |              |    |                        |               |
| (Station 674+73).  |                      |              |    |                        |               |
| FS Date: 4/30/2013   |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24840\_44753.jpg



Marker visible on waterward side, crossing is referenced as No. 25.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



## Reclamation District No. 0010 Honcut

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector        |
|---------------------------|------|------------|--------------------------|------------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling<br>York |

|  |                      |              |    |                        |               |  |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start   | 11.07                | Rating **    | M  | Issue No.              | 88 (cont)     |  |
| LM End   | 11.07                | Issue Type + | En | Location *             | LS            |  |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |  |
|  |                      |              |    | Start                  | End           |  |
| Item   | DWR UCIP Field Study |              |    | 39.305915 °            | 39.305915 °   |  |
|  |                      |              |    | -121.617698 °          | -121.617698 ° |  |
| DWR ID   |                      |              |    |                        |               |  |
| Comment Code   |                      |              |    |                        |               |  |
|  |                      |              |    |                        |               |  |
| Inspector Comment  |                      |              |    |                        |               |  |
| FS_ID:24840<br>DS_ID:21305<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Burrow activity--large holes found on landward side. Crossing on landward side is blocked. Recommend clearing headwall and crossing. Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. This crossing is referenced in the USACE Periodic Inspection as item<br>USACE_CESPK_HON2_2013_p_0476.<br>FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 7.5 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Concrete headwall at both toes. Saddle and apron on waterward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 674+73).<br>FS Date: 4/30/2013 |                      |              |    |                        |               |  |

View of flap gate located on waterward side.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 11.15                   | Rating **    | M  | Issue No.              | 52            |
| LM End   | 11.15                   | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 39.307133 °            | 39.307133 °   |
|  |                         |              |    | -121.617263 °          | -121.617263 ° |
| DWR ID   | DWR_RD0010_02_f_2016_52 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight.           |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Tree fell this fall and the limbs need to be removed from levee slope.<br>Fall 2016. |                         |              |    |                        |               |

View of waterside looking downstream where a tree fell this fall and the limbs need to be removed from levee slope. Fall 2016.

| * Location                             | ** Rating   | + Issue Type                      |
|--|---|-----------------------------------|
| LS : Land Side    N/A : Not Applicable | A : Acceptable                      N : Not Inspected/Rated                   | Ma : Maintenance Deficiency       |
| WS : Water Side                        | M : Minimally Acceptable            C : Corrected                             | Ob : Design & System Obsolescence |
| CR : Crown                             | U : Unacceptable                      A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 02 Feather River | Left | 11.36      | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |     |                        |               |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 11.28                   | Rating **    | A/W | Issue No.              | 78            |
| LM End  | 11.28                   | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|   |                         |              |     | Start                  | End           |
| Item  | Animal Control          |              |     | 39.308973 °            | 39.308973 °   |
|   |                         |              |     | -121.616803 °          | -121.616803 ° |
| DWR ID  | DWR_RD0010_02_s_2016_78 |              |     |                        |               |
| Comment Code  |                         |              |     |                        |               |
| A1 : Exterminate rodents and backfill and compact or grout burrows. |                         |              |     |                        |               |
| Inspector Comment   |                         |              |     |                        |               |
| No squirrel activity and holes have been backfilled. Fall 2016.     |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_164\_78\_20161103\_00123.jpg



View of the waterside looking downstream where the rodent hole have been backfilled. Fall 2016.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 11.34                   | Rating **    | C  | Issue No.              | 38            |
| LM End   | 11.34                   | Issue Type + | En | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.309823 °            | 39.309823 °   |
|  |                         |              |    | -121.616486 °          | -121.616486 ° |
| DWR ID   | DWR_RD0010_02_f_2015_38 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| AV : Abandoned vehicles  |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| The abandoned vehicle that where here last spring have been removed.<br>Fall 2016. |                         |              |    |                        |               |

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2016 Levee Inspection Results**

**Reclamation District No. 0010 Honcut**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 03 Honcut Creek               |                         |                           | Left                           | 2.81                            |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           | A                              |                                 |
| Date of Inspection                     | 4/20/2016 - 4/20/2016   |                           | 10/27/2016 - 10/27/2016        |                                 |
| DWR Inspector                          | Sterling York           |                           | Sterling York                  |                                 |
| Accompanied By                         | Finlay Williams         |                           | Finlay Williams                |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

# Reclamation District No. 0010 Honcut

View of the well maintained vegetation on the landside looking downstream. Fall 2016.

Page 1 of 7

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01                 | Rating **    | M  | Issue No.              | 19            |
| LM End   | 0.01                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 39.310096 °            | 39.310096 °   |
|          |                      |              |    | -121.616250 °          | -121.616250 ° |
| DWR ID   |                      |              |    |                        |               |

**Comment Code**

**Inspector Comment**

FS\_ID:24841  
DS\_ID:21306  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Debris found inside crossing--recommend removing it.  
FIELD\_STRUCT\_DESC: 24-inch CM pipe through the levee, 6.0 feet below the crown. Slide gate in concrete standpipe on the waterward end.  
FS Date: 5/1/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.01</b> | Rating **    | M  | Issue No.  | <b>19 (cont)</b> |
| LM End   | <b>0.01</b> | Issue Type + | En | Location * | LS               |

Photo 1 of 2 : UCIP\_FA\_2016\_24841\_44759.jpg



View of waterward side.

Photo 2 of 2 : UCIP\_FA\_2016\_24841\_44757.jpg



View of concrete standpipe and plastic pipe extension visible on waterward side.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start                                    | 0.62                   | Rating **    | M  | Issue No.              | 7             |
| LM End                                      | 0.62                   | Issue Type + | En | Location *             | LS            |
| Category                                    | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Encroachments          |              |    | 39.310069 °            | 39.310069 °   |
|   |                        |              |    | -121.604883 °          | -121.604883 ° |
| DWR ID                                      | DWR_RD0010_03_s_2016_7 |              |    |                        |               |
| Comment Code                                |                        |              |    |                        |               |
| PR : Prunings                               |                        |              |    |                        |               |
| Inspector Comment                           |                        |              |    |                        |               |
| Remove pruning's from levee toe. Fall 2016. |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_165\_7\_20161103\_00012.jpg



View of pruning's at landside levee toe looking downstream. Fall 2016.

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.08                   | Rating **    | M  | Issue No.              | 8             |
| LM End   | 1.21                   | Issue Type + | En | Location *             | WS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Encroachments          |              |    | 39.307106 °            | 39.306422 °   |
|  |                        |              |    | -121.597439 °          | -121.595205 ° |
| DWR ID   | DWR_RD0010_03_s_2016_8 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| FE : Fence   |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| Unpermitted fence on waterside levee hinge point. Fall 2016. |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_165\_8\_20161103\_00013.jpg



View of an unpermitted fence on waterside levee hinge point. Fall 2016.

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.48                   | Rating **    | C  | Issue No.              | 9             |
| LM End   | 1.48                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Trim / Thin Trees      |              |    | 39.303774 °            | 39.303774 °   |
|  |                        |              |    | -121.591847 °          | -121.591847 ° |
| DWR ID   | DWR_RD0010_03_s_2016_9 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| T2 : Thin trees to allow visibility of the ground and room to flood fight.           |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| The small cluster of trees that where at this location have been removed. Fall 2016. |                        |              |    |                        |               |

No Photos

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.67                    | Rating **    | C  | Issue No.              | 18            |
| LM End  | 1.67                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Slope Stability         |              |    | 39.302904 °            | 39.302904 °   |
|   |                         |              |    | -121.588578 °          | -121.588578 ° |
| DWR ID  | DWR_RD0010_03_f_2013_18 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| No agricultural tilling. The cut at the levee toe has been repaired. Fall 2016.           |                         |              |    |                        |               |

No Photos

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.69                 | Rating **    | M  | Issue No.              | 20            |
| LM End  | 1.69                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 39.303013 °            | 39.303013 °   |
|   |                      |              |    | -121.588124 °          | -121.588124 ° |
| DWR ID  |                      |              |    |                        |               |
| Comment Code  |                      |              |    |                        |               |
|   |                      |              |    |                        |               |
| Inspector Comment   |                      |              |    |                        |               |
| FS_ID:24842   |                      |              |    |                        |               |
| DS_ID:21307   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Found  |                      |              |    |                        |               |
| UCIP Comments: Sediment deposit inside pipe--Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 15.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at both toes. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 134+06). |                      |              |    |                        |               |
| FS Date: 5/1/2013   |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24842\_44764.jpg



Marker visible on waterward side--No. 26.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|   |                      |              |    |                        |               |     |
|---|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start  | 1.69                 | Rating **    |    | Issue No.              | 20 (cont)     |     |
| LM End  | 1.69                 | Issue Type + | En | Location *             | WS            |     |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |     |
|   |                      |              |    | Start                  |               | End |
| Item  | DWR UCIP Field Study |              |    | 39.303013 °            | 39.303013 °   |     |
|   |                      |              |    | -121.588124 °          | -121.588124 ° |     |
| DWR ID  |                      |              |    |                        |               |     |
| Comment Code  |                      |              |    |                        |               |     |
|   |                      |              |    |                        |               |     |
| Inspector Comment   |                      |              |    |                        |               |     |
| FS_ID:24842   |                      |              |    |                        |               |     |
| DS_ID:21307   |                      |              |    |                        |               |     |
| EP_NO: N/A  |                      |              |    |                        |               |     |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |     |
| Crossing Status: Found  |                      |              |    |                        |               |     |
| UCIP Comments: Sediment deposit inside pipe--Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23.   |                      |              |    |                        |               |     |
| FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 15.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at both toes. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 134+06). |                      |              |    |                        |               |     |
| FS Date: 5/1/2013   |                      |              |    |                        |               |     |

Photo 2 of 2 : UCIP\_FA\_2016\_24842\_44762.jpg



View of waterward slope.

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.72                   | Rating **    | M  | Issue No.              | 6             |
| LM End  | 1.72                   | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Animal Control         |              |    | 39.303262 °            | 39.303262 °   |
|   |                        |              |    | -121.587680 °          | -121.587680 ° |
| DWR ID  | DWR_RD0010_03_f_2016_6 |              |    |                        |               |
| Comment Code  |                        |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                        |              |    |                        |               |
| Inspector Comment   |                        |              |    |                        |               |
| No squirrel activity seen, but rodent holes need to be back filled properly. Fall 2016.             |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2016\_RD0010\_165\_6\_20161103\_00015.jpg



View of waterside slope, no squirrel activity seen, but rodent holes need to be back filled properly. Fall 2016.

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.50                    | Rating **    | C  | Issue No.              | 10            |
| LM End   | 2.50                    | Issue Type + | En | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Encroachments           |              |    | 39.301141 °            | 39.301141 °   |
|  |                         |              |    | -121.574193 °          | -121.574193 ° |
| DWR ID   | DWR_RD0010_03_s_2016_10 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| PR : Prunings  |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| Pruning's have been removed from this location. Fall 2016. |                         |              |    |                        |               |

No Photos

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.80                 | Rating **    | M  | Issue No.              | 21            |
| LM End   | 2.80                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.298561 °            | 39.298561 °   |
|  |                      |              |    | -121.569977 °          | -121.569977 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24883<br>DS_ID:21308<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances.<br>FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at the landward toe. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 192+33).<br>FS Date: 5/1/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2016\_24883\_44820.jpg



View of slide gate and concrete headwall located on landward side.

|  |  |   |
|--|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector     |
|--------------------------|------|------------|--------------------------|---------------|
| Unit No. 03 Honcut Creek | Left | 2.81       | 10/27/2016<br>10/27/2016 | Sterling York |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.80                 | Rating **    | M  | Issue No.              | 21 (cont)     |
| LM End   | 2.80                 | Issue Type + | En | Location *             | LS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 39.298561 °            | 39.298561 °   |
|  |                      |              |    | -121.569977 °          | -121.569977 ° |
| DWR ID   |                      |              |    |                        |               |
| Comment Code   |                      |              |    |                        |               |
|  |                      |              |    |                        |               |
| Inspector Comment  |                      |              |    |                        |               |
| FS_ID:24883<br>DS_ID:21308<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.<br>FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.0 feet below the crown. Two CM cutoff walls around pipe at both shoulders. Flap gate on the waterward end. Slide gate on the landward end. Concrete headwall at the landward toe. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 192+33).<br>FS Date: 5/1/2013 |                      |              |    |                        |               |

Photo 2 of 2 : UCIP\_FA\_2016\_24883\_44821.jpg



View of levee crown--dense vegetation.

|  |   |   |
|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|---|---|